

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094441.D
 Acq On : 17 Apr 2017 11:21
 Operator : SJ/MA
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 13:47:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 13:38:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	136209	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	554828	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	251064	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	459572	20.00	ng	0.00
75) Chrysene-d12	14.46	240	423916	20.00	ng	0.00
86) Perylene-d12	16.08	264	377288	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.30	112	44500	5.52	ng	0.00
7) Phenol-d6	5.38	99	52596	5.27	ng	-0.01
23) Nitrobenzene-d5	6.40	82	44963	4.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	9944	5.01	ng	-0.01
44) 2-Fluorobiphenyl	8.58	172	103706	6.30	ng	0.00
78) Terphenyl-d14	13.19	244	90160	4.77	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.07	88	12042	3.11	ng	# 92
3) Pyridine	2.62	79	23394	2.22	ng	99
4) n-Nitrosodimethylamine	2.54	42	9939	2.29	ng	# 73
6) Aniline	5.38	93	35134	2.53	ng	96
8) 2-Chlorophenol	5.53	128	25285	2.85	ng	94
9) Benzaldehyde	5.25	77	20250	3.01	ng	95
10) Phenol	5.40	94	32378	2.85	ng	87
11) bis(2-Chloroethyl)ether	5.46	93	22633	2.55	ng	99
12) 1,3-Dichlorobenzene	5.69	146	27596	2.78	ng	98
13) 1,4-Dichlorobenzene	5.77	146	27902	2.77	ng	95
14) 1,2-Dichlorobenzene	5.77	146	27902	3.01	ng	95
15) Benzyl Alcohol	5.93	79	19457	2.66	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.09	45	31234	2.28	ng	86
17) 2-Methylphenol	6.08	107	19183	2.53	ng	94
18) Hexachloroethane	6.35	117	9204	2.60	ng	90
19) n-Nitroso-di-n-propylamine	6.23	70	16389	2.56	ng	96
20) 3+4-Methylphenols	6.26	107	26512	2.88	ng	# 64
22) Acetophenone	6.23	105	35085	2.84	ng	# 85
24) Nitrobenzene	6.42	77	24118	2.52	ng	95
25) Isophorone	6.71	82	41269	2.42	ng	98
26) 2-Nitrophenol	6.80	139	11667	2.55	ng	92
27) 2,4-Dimethylphenol	6.89	122	21248	2.70	ng	96
28) bis(2-Chloroethoxy)methane	6.98	93	27715	2.46	ng	96
29) 2,4-Dichlorophenol	7.12	162	19075	2.59	ng	93
30) 1,2,4-Trichlorobenzene	7.20	180	21123	2.78	ng	91
31) Naphthalene	7.29	128	74466	2.79	ng	97
32) Benzoic acid	6.99	122	6468	1.23	ng	# 81
33) 4-Chloroaniline	7.36	127	28478	2.63	ng	97
34) Hexachlorobutadiene	7.45	225	10858	2.79	ng	96
35) Caprolactam	7.75	113	5330	2.27	ng	98
36) 4-Chloro-3-methylphenol	7.98	107	19912	2.59	ng	90
37) 2-Methylnaphthalene	8.13	142	49785	2.80	ng	93
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	19596	2.85	ng	96
40) Hexachlorocyclopentadiene	8.32	237	2992	0.93	ng	94

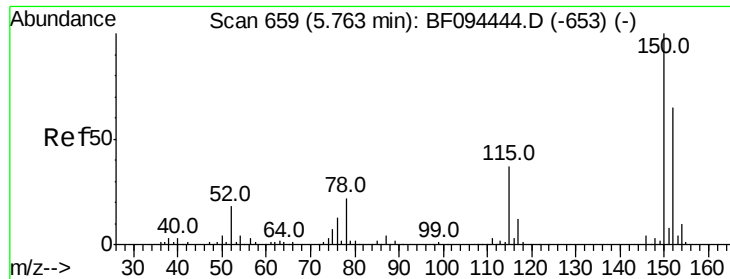
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	12476	2.57	ng	97
43) 2,4,5-Trichlorophenol	8.54	196	12860	2.45	ng	91
45) 1,1'-Biphenyl	8.70	154	57894	2.86	ng	98
46) 2-Chloronaphthalene	8.72	162	45654	2.88	ng	98
47) 2-Nitroaniline	8.85	65	10896	2.32	ng	92
48) Acenaphthylene	9.22	152	70676	2.68	ng	98
49) Dimethylphthalate	9.08	163	50375	2.82	ng	99
50) 2,6-Dinitrotoluene	9.15	165	10073	2.46	ng	92
51) Acenaphthene	9.43	154	42641	2.77	ng	97
52) 3-Nitroaniline	9.35	138	11863	2.47	ng	99
53) 2,4-Dinitrophenol	9.50	184	1170	0.60	ng	# 67
54) Dibenzofuran	9.65	168	63737	3.05	ng	97
55) 4-Nitrophenol	9.65	139	30836	8.20	ng	# 31
56) 2,4-Dinitrotoluene	9.65	165	12940	2.52	ng	# 61
57) Fluorene	10.07	166	51028	2.94	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	9069	2.51	ng	# 92
59) Diethylphthalate	9.95	149	47194	2.68	ng	98
60) 4-Chlorophenyl-phenylether	10.07	204	22274	3.01	ng	93
61) 4-Nitroaniline	10.10	138	11864	2.57	ng	87
62) Azobenzene	10.27	77	45795	2.74	ng	94
64) 4,6-Dinitro-2-methylphenol	10.15	198	4448	1.58	ng	# 79
65) n-Nitrosodiphenylamine	10.22	169	43229	2.72	ng	97
66) 4-Bromophenyl-phenylether	10.67	248	12224	2.70	ng	95
67) Hexachlorobenzene	10.75	284	12187	2.66	ng	# 85
68) Atrazine	10.89	200	12311	2.59	ng	92
69) Pentachlorophenol	11.00	266	1610	0.57	ng	# 86
70) Phenanthrene	11.24	178	73712	2.88	ng	97
71) Anthracene	11.30	178	73295	2.78	ng	98
72) Carbazole	11.51	167	69087	2.56	ng	97
73) Di-n-butylphthalate	11.97	149	72346	2.58	ng	# 99
74) Fluoranthene	12.70	202	74171	2.83	ng	97
76) Benzidine	12.87	184	39662	2.36	ng	# 93
77) Pyrene	12.97	202	76740	2.49	ng	97
79) Butylbenzylphthalate	13.80	149	30592	2.33	ng	# 83
80) Benzo(a)anthracene	14.44	228	65014	2.63	ng	97
81) 3,3'-Dichlorobenzidine	14.43	252	22009	2.49	ng	# 93
82) Chrysene	14.49	228	61386	2.68	ng	97
83) Bis(2-ethylhexyl)phthalate	14.52	149	43050	2.41	ng	# 95
84) Di-n-octyl phthalate	15.27	149	70475	2.36	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.34	276	60049	3.02	ng	98
87) Benzo(b)fluoranthene	15.67	252	60704	2.62	ng	# 97
88) Benzo(k)fluoranthene	15.70	252	58484	2.58	ng	94
89) Benzo(a)pyrene	16.02	252	57534	2.70	ng	98
90) Dibenzo(a,h)anthracene	17.36	278	48331	2.68	ng	94
91) Benzo(g,h,i)perylene	17.72	276	49455	2.72	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

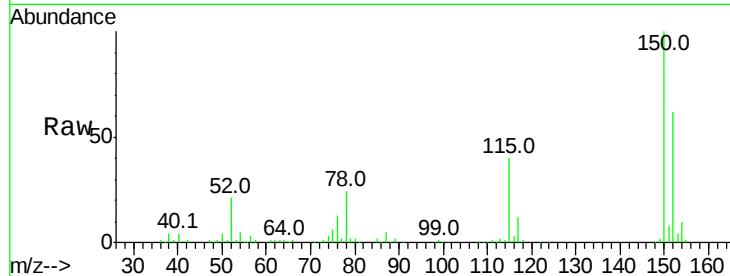
Tot Ion:152 Resp: 136209

Ion Ratio Lower Upper

152 100

150 160.7 126.2 189.2

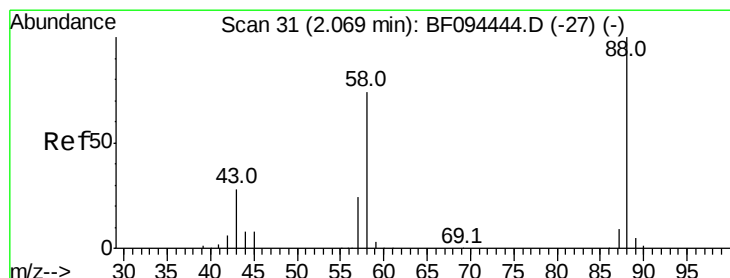
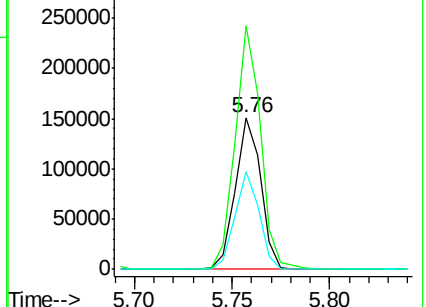
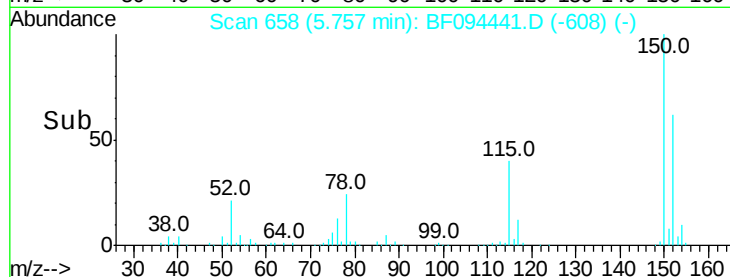
115 64.1 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.11 ng

RT: 2.07 min Scan# 31

Delta R.T. 0.00 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

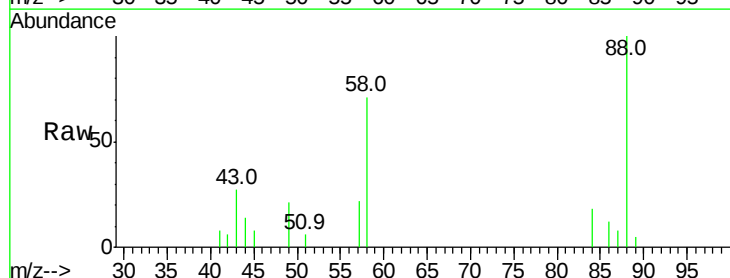
Tgt Ion: 88 Resp: 12042

Ion Ratio Lower Upper

88 100

58 72.1 61.4 92.0

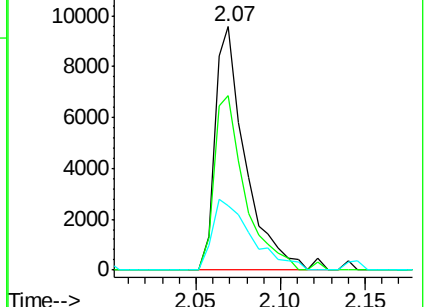
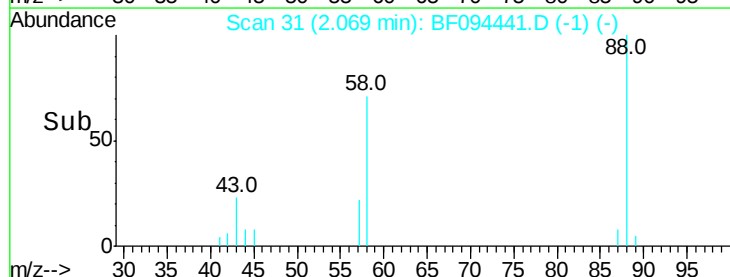
43 37.4 23.4 35.0#

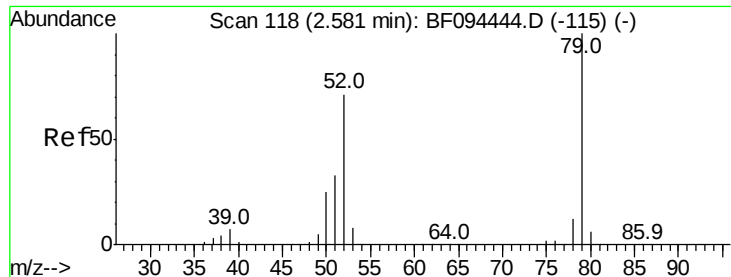


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

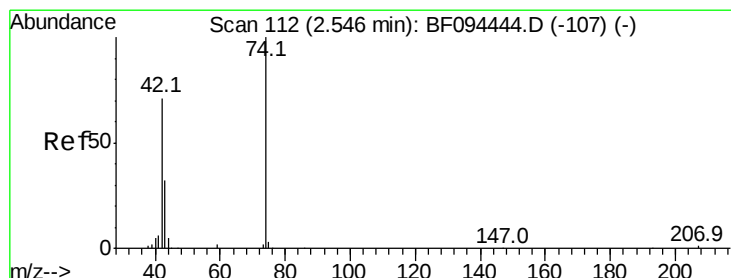
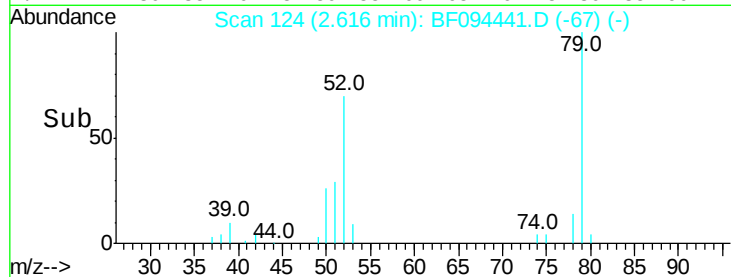
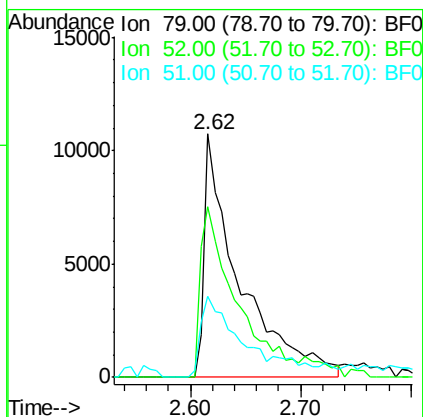
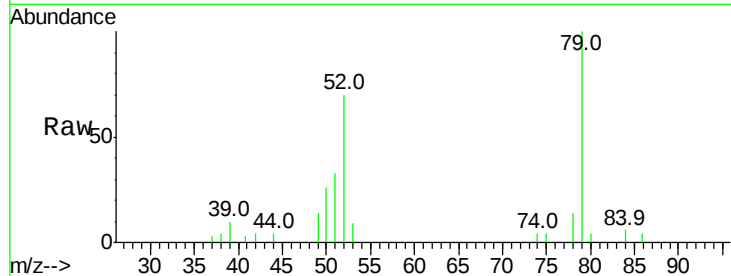




#3
 Pvridine
 Concen: 2.22 ng
 RT: 2.62 min Scan# 124
 Delta R.T. 0.04 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

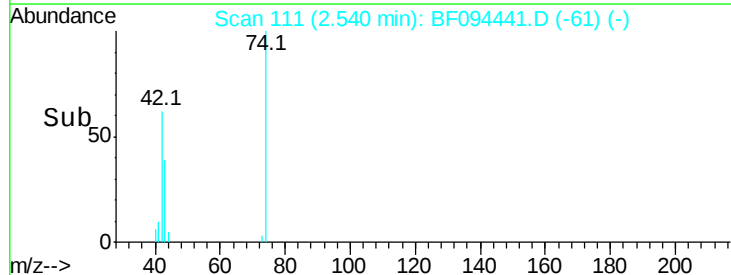
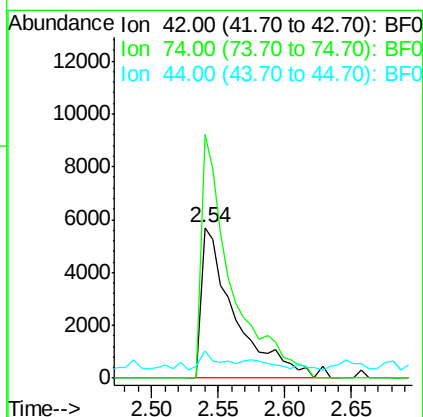
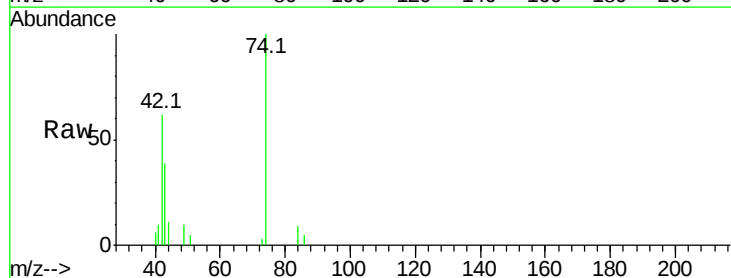
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 79 Resp: 23394
 Ion Ratio Lower Upper
 79 100
 52 70.0 54.8 82.2
 51 33.4 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 2.29 ng
 RT: 2.54 min Scan# 111
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Tgt Ion: 42 Resp: 9939
 Ion Ratio Lower Upper
 42 100
 74 161.4 103.9 155.9#
 44 18.5 5.7 8.5#





#5

2-Fluorophenol

Concen: 5.52 ng

RT: 4.30 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :
BNA_F
ClientSampled :

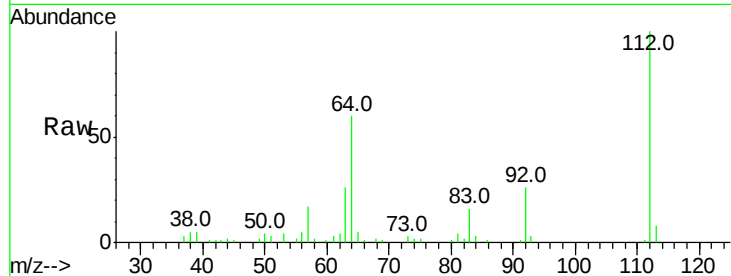
Tot Ion:112 Resp: 44500

Ion Ratio Lower Upper

112 100

64 59.5 46.0 69.0

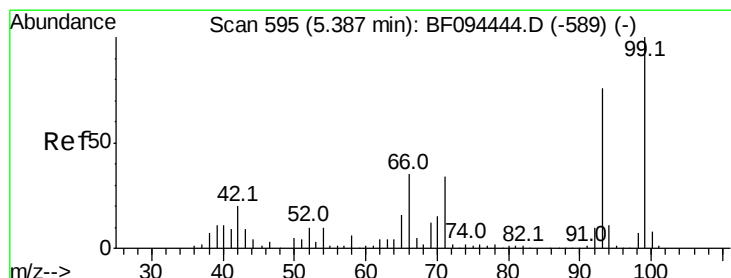
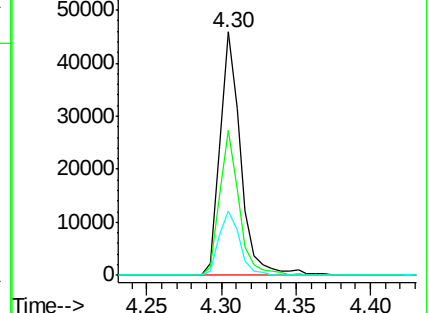
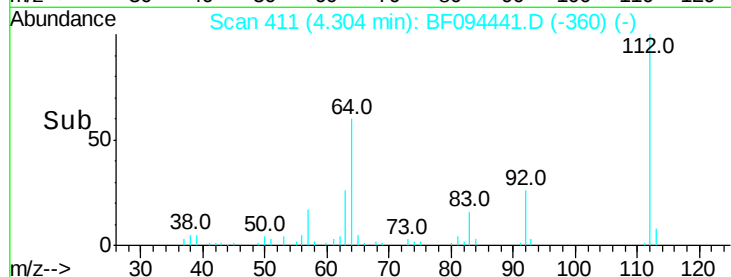
63 26.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 2.53 ng

RT: 5.38 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

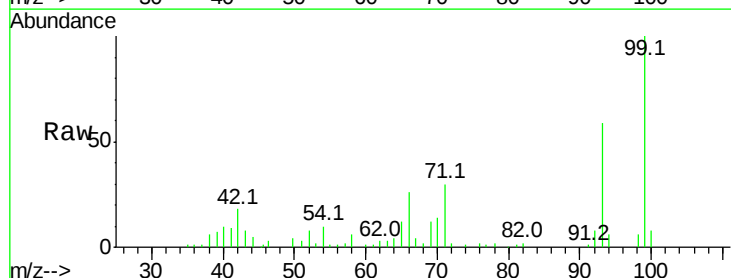
Tgt Ion: 93 Resp: 35134

Ion Ratio Lower Upper

93 100

66 44.5 32.9 49.3

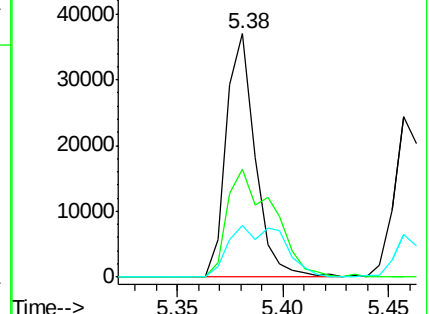
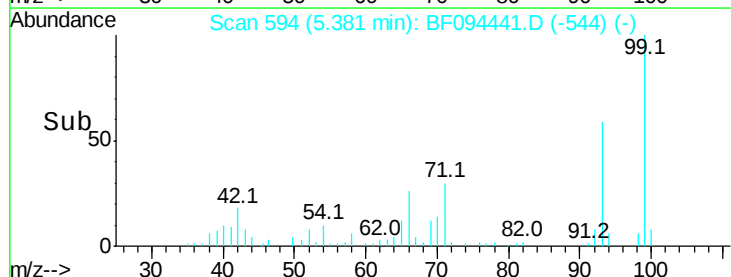
65 21.1 16.0 24.0

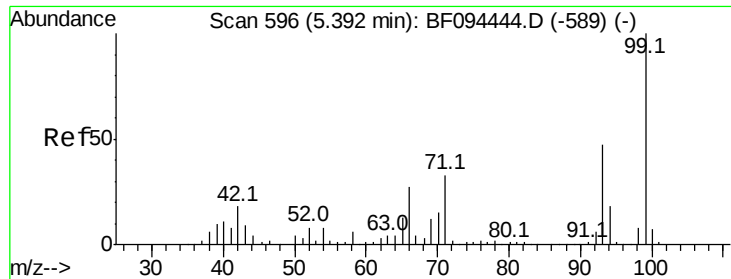


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 5.27 ng

RT: 5.38 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

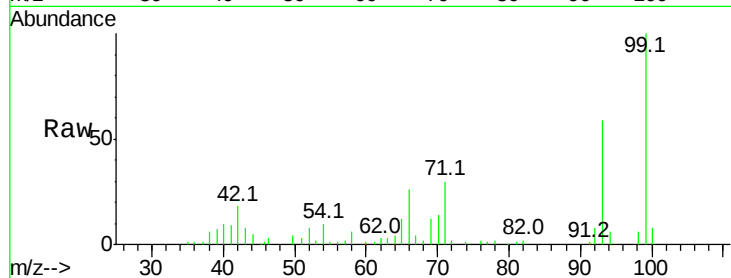
Tot Ion: 99 Resp: 52596

Ion Ratio Lower Upper

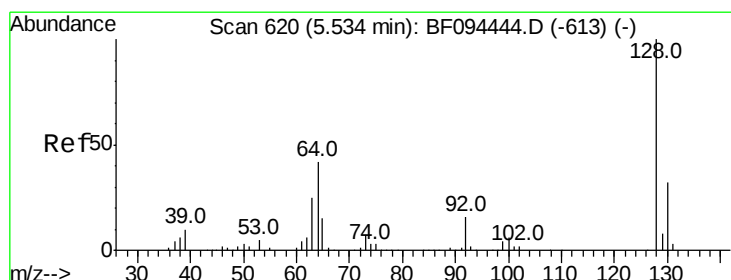
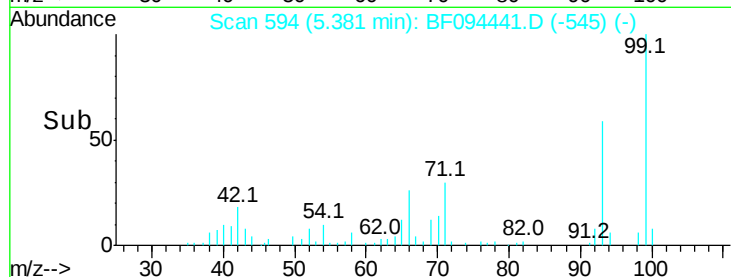
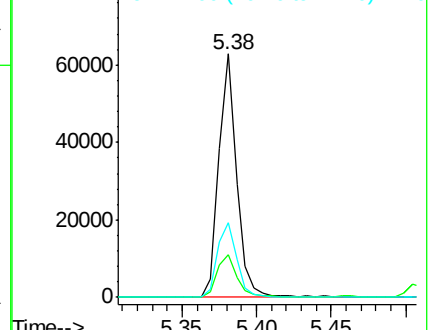
99 100

42 17.6 13.5 20.3

71 30.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 2.85 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

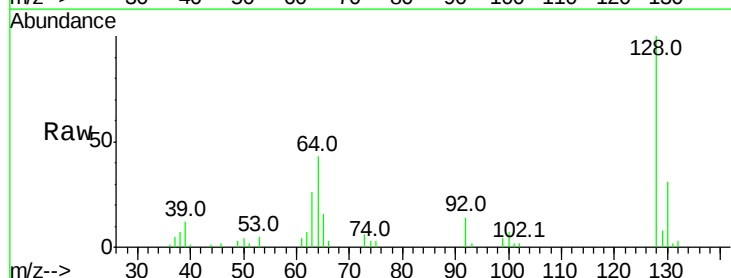
Tgt Ion: 128 Resp: 25285

Ion Ratio Lower Upper

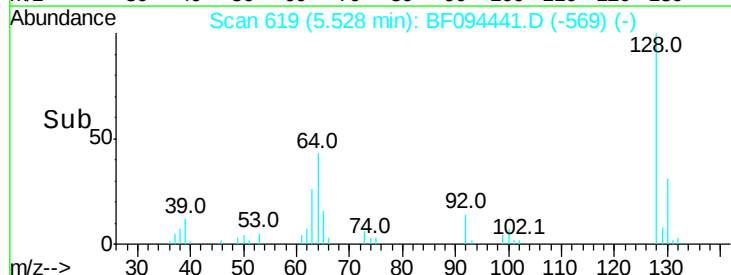
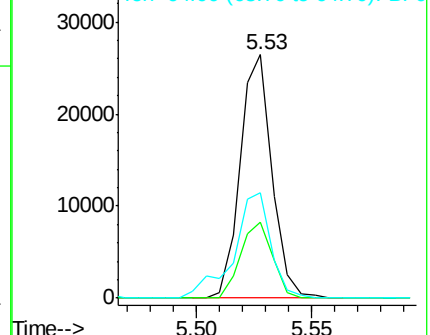
128 100

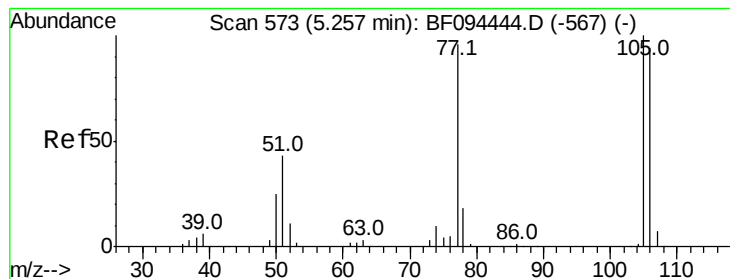
130 31.0 12.9 52.9

64 43.0 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.01 ng

RT: 5.25 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

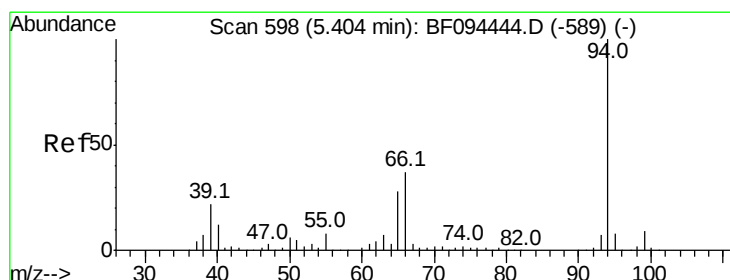
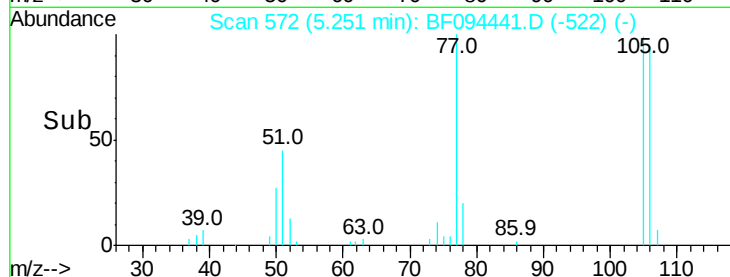
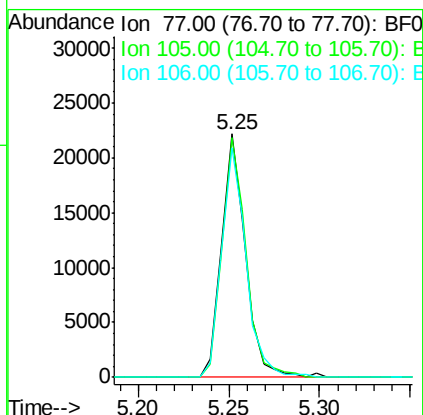
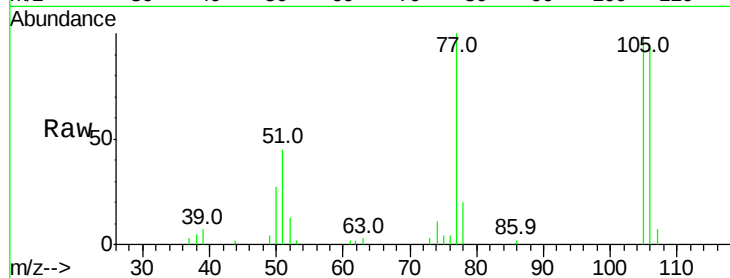
Tot Ion: 77 Resp: 20250

Ion Ratio Lower Upper

77 100

105 98.7 83.8 123.8

106 94.4 79.1 119.1



#10

Phenol

Concen: 2.85 ng

RT: 5.40 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

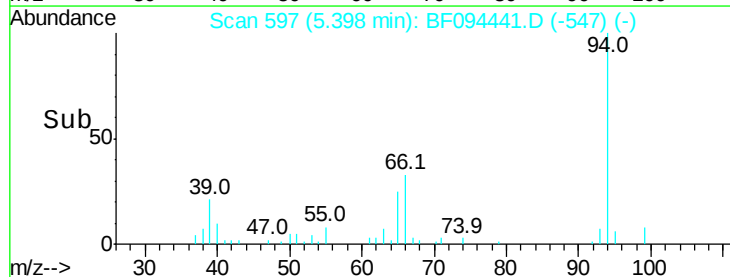
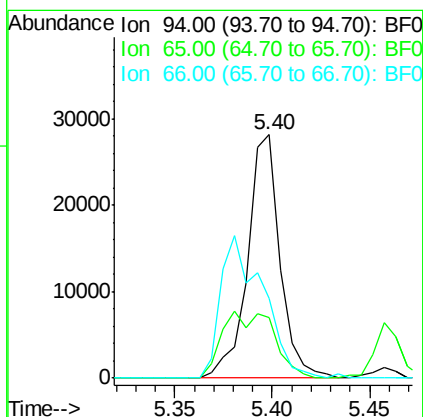
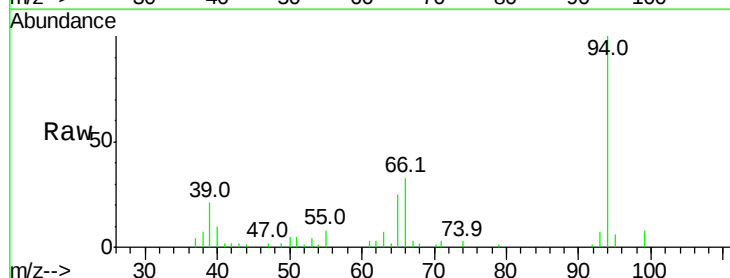
Tgt Ion: 94 Resp: 32378

Ion Ratio Lower Upper

94 100

65 24.8 9.9 49.9

66 32.9 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 2.55 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

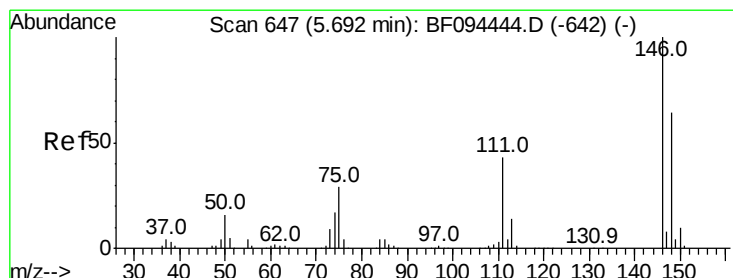
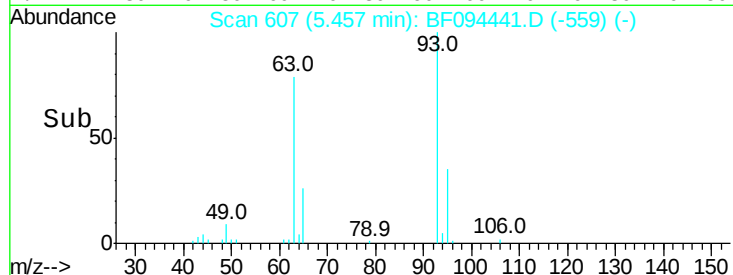
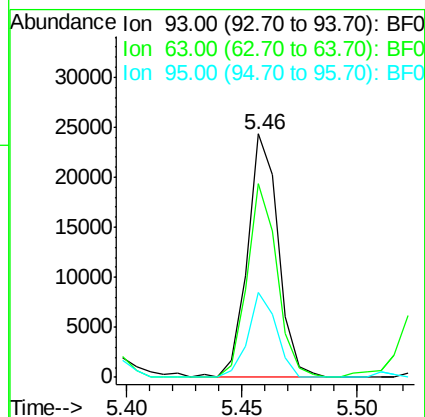
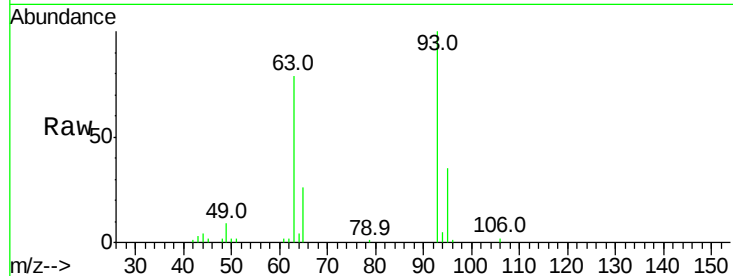
Tot Ion: 93 Resp: 22633

Ion Ratio Lower Upper

93 100

63 79.4 59.2 99.2

95 34.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 2.78 ng

RT: 5.69 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

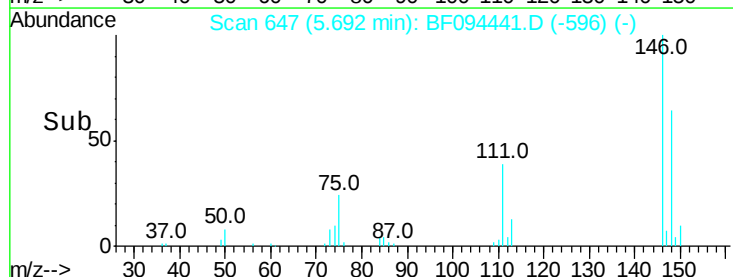
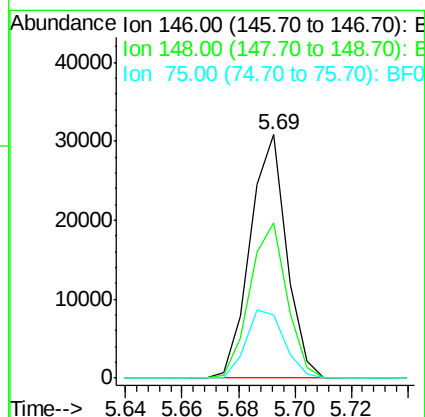
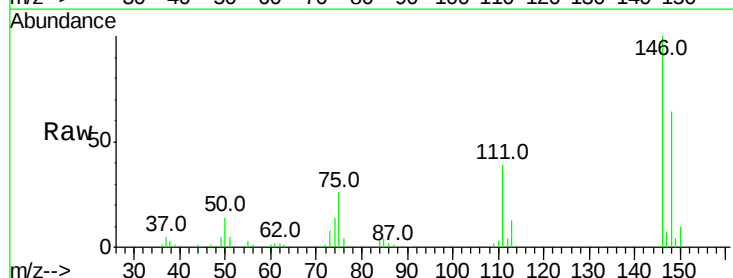
Tgt Ion: 146 Resp: 27596

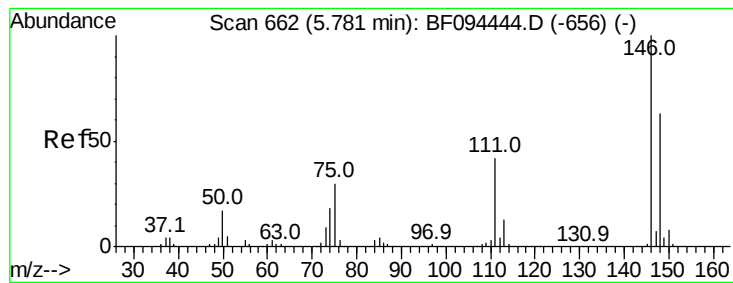
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

75 26.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 2.77 ng

RT: 5.77 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

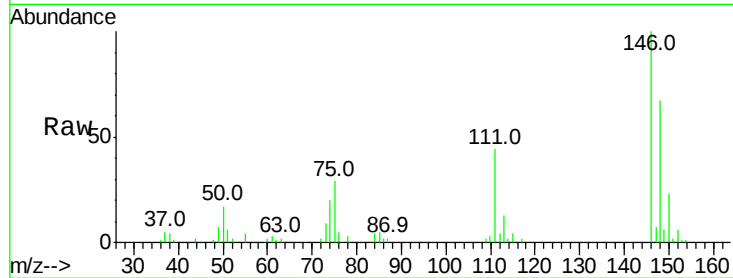
Tot Ion:146 Resp: 27902

Ion Ratio Lower Upper

146 100

148 66.9 52.2 78.2

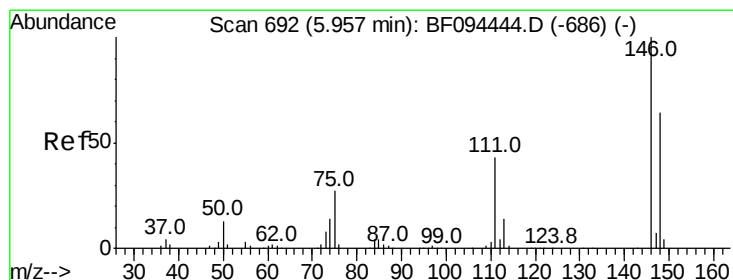
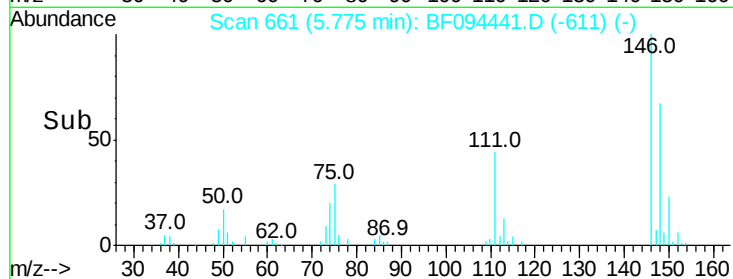
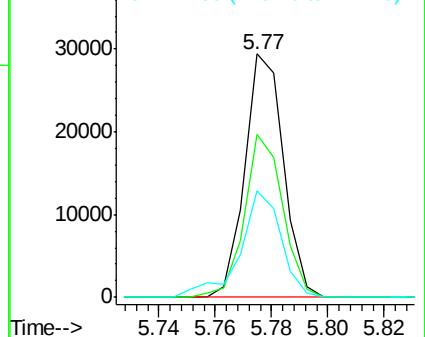
111 44.1 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 3.01 ng

RT: 5.77 min Scan# 661

Delta R.T. -0.18 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

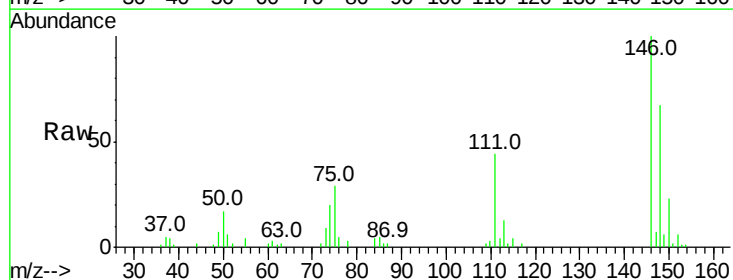
Tgt Ion:146 Resp: 27902

Ion Ratio Lower Upper

146 100

148 66.9 50.4 75.6

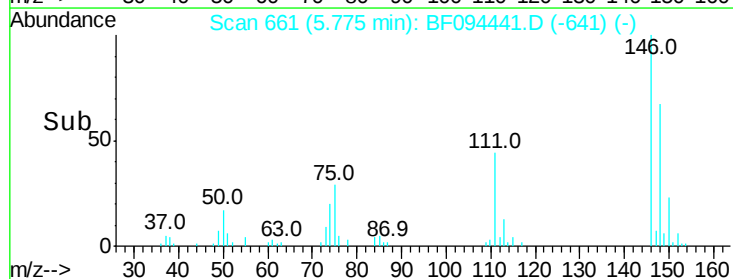
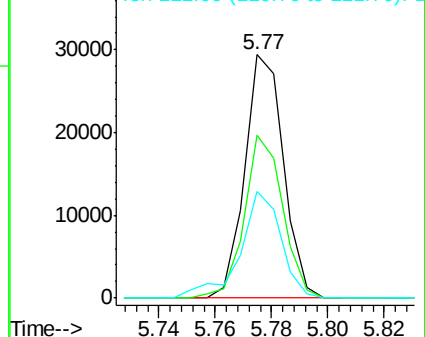
111 44.1 38.2 57.4

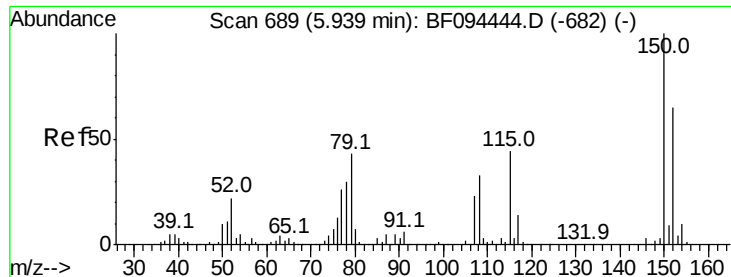


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.66 ng

RT: 5.93 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :
BNA_F
ClientSampled :

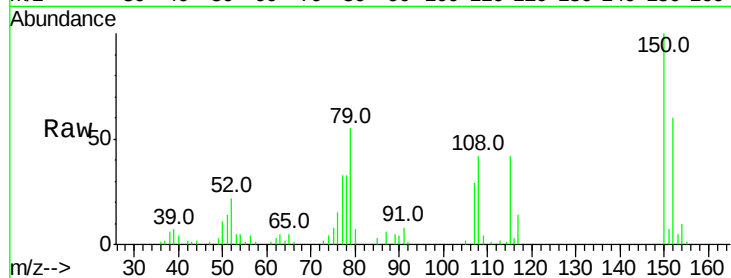
Tot Ion: 79 Resp: 19457

Ion Ratio Lower Upper

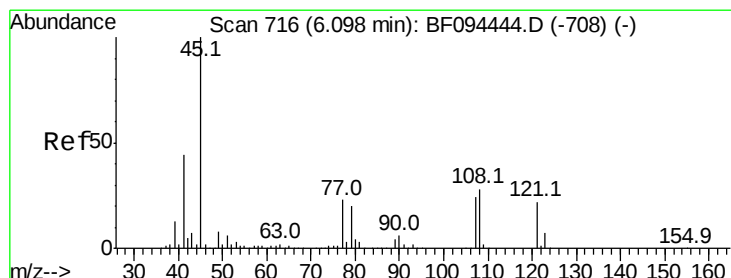
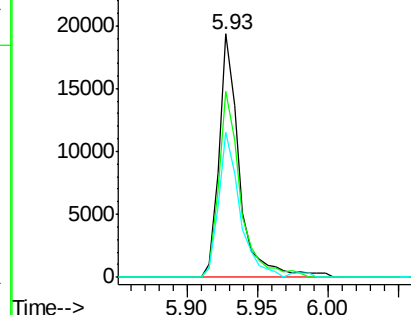
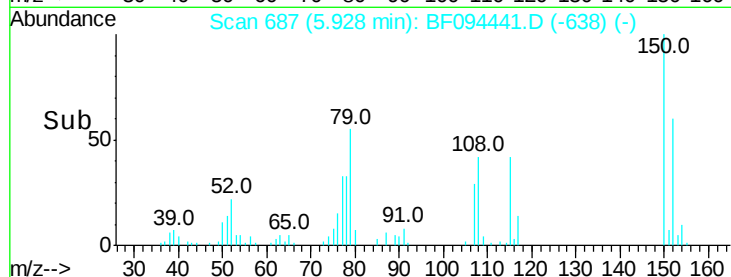
79 100

108 76.5 63.4 95.0

77 59.3 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.28 ng

RT: 6.09 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

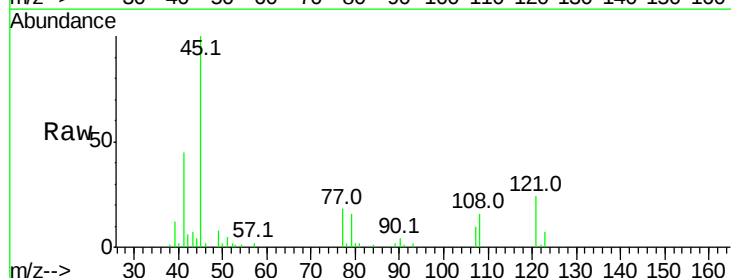
Tgt Ion: 45 Resp: 31234

Ion Ratio Lower Upper

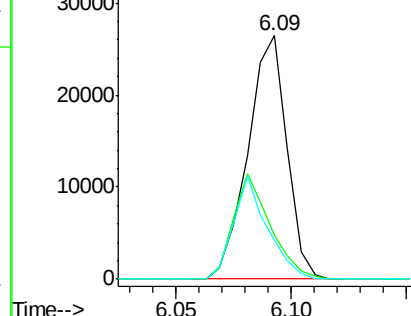
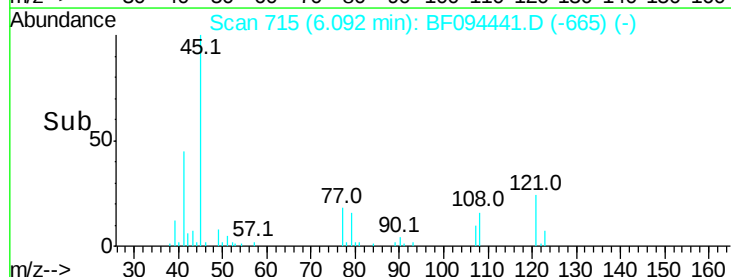
45 100

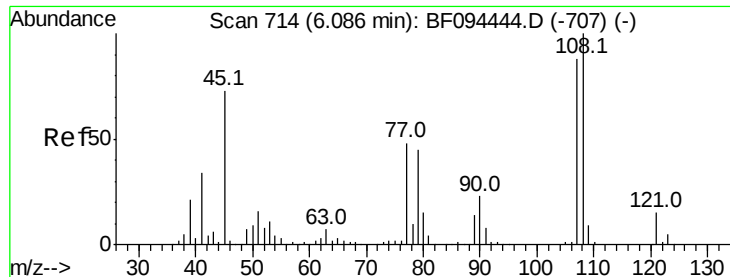
77 18.2 0.0 33.2

79 16.1 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 2.53 ng

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 19183

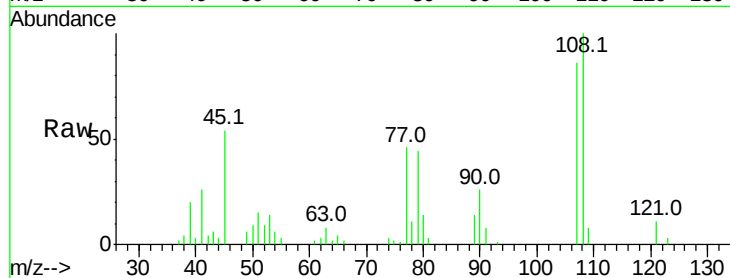
Ion Ratio Lower Upper

107 100

108 116.4 93.4 140.0

77 53.0 35.8 53.6

79 51.8 34.8 52.2



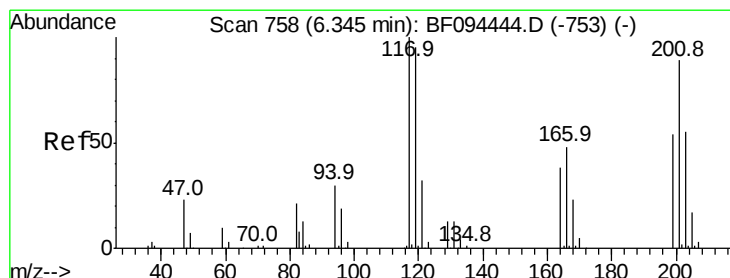
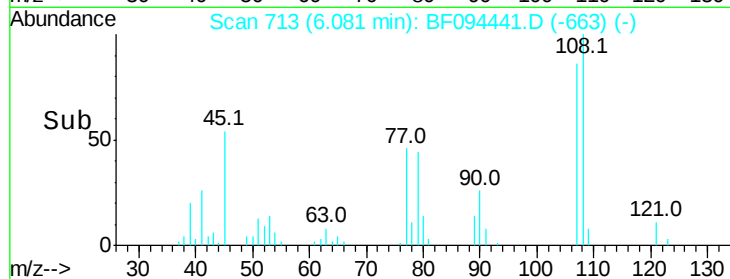
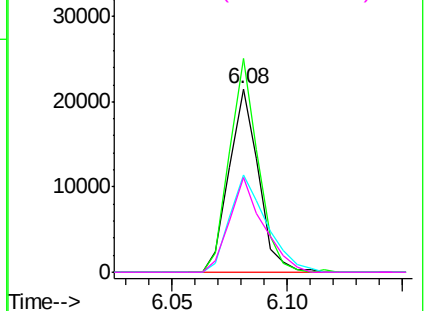
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 2.60 ng

RT: 6.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

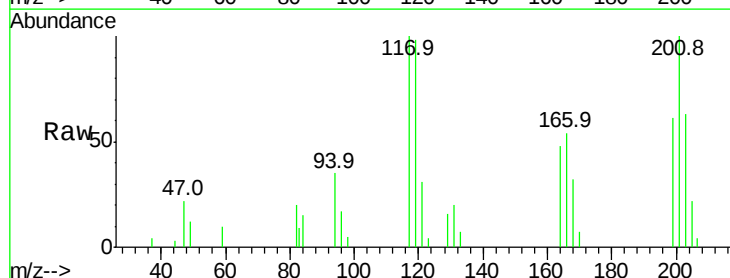
Tgt Ion:117 Resp: 9204

Ion Ratio Lower Upper

117 100

119 98.2 77.4 116.0

201 99.9 94.6 141.8

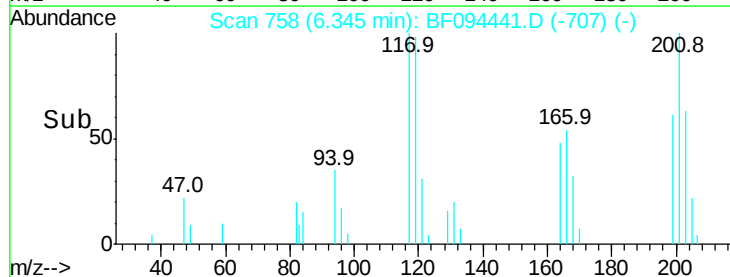
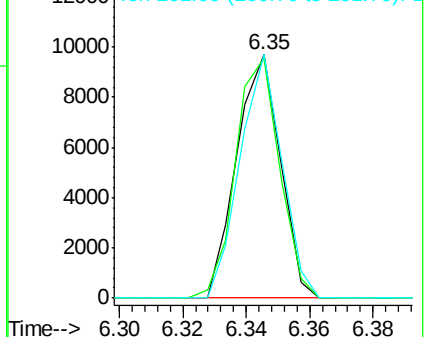


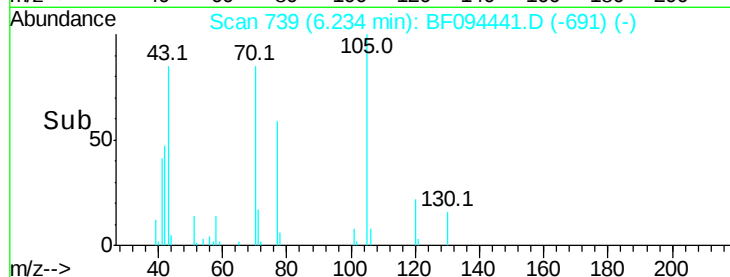
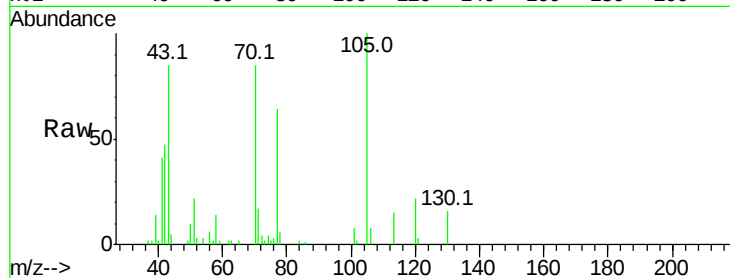
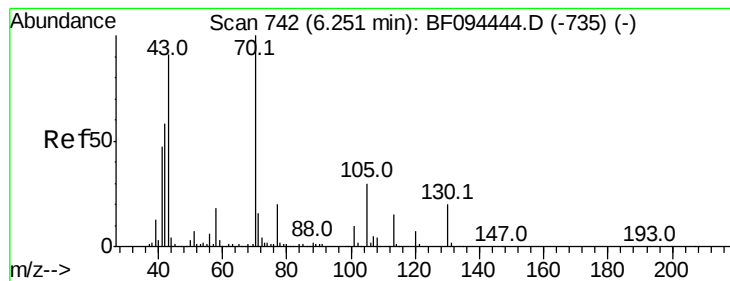
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 2.56 ng

RT: 6.23 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 16389

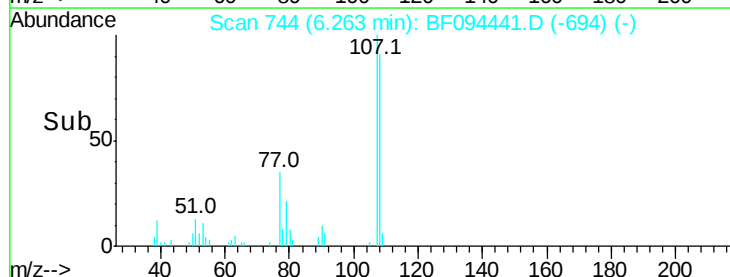
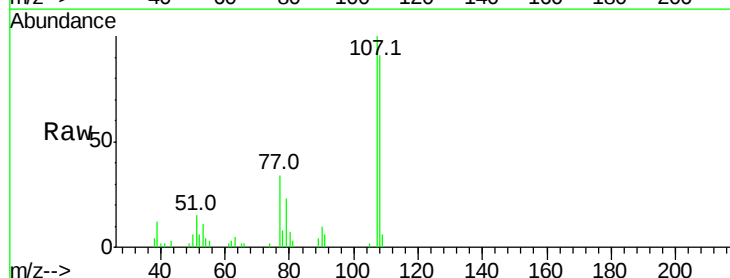
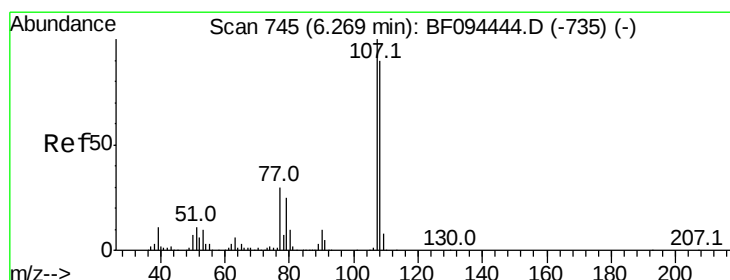
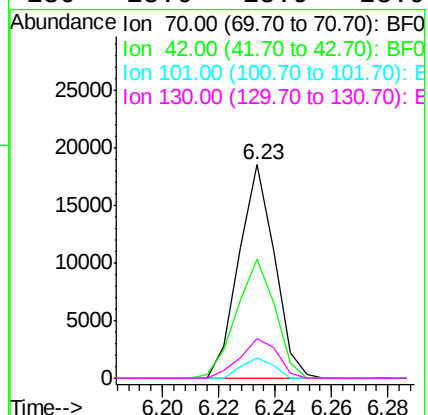
Ion Ratio Lower Upper

70 100

42 55.7 47.2 70.8

101 9.7 7.2 10.8

130 18.6 15.9 23.9



#20

3+4-Methylphenols

Concen: 2.88 ng

RT: 6.26 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Tgt Ion: 107 Resp: 26512

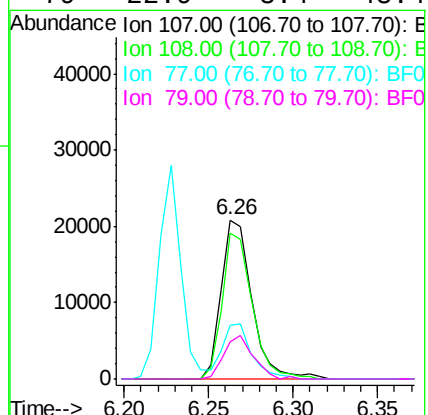
Ion Ratio Lower Upper

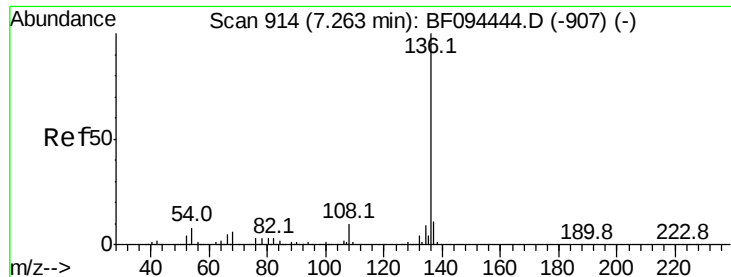
107 100

108 91.3 71.0 111.0

77 34.0 90.5 130.5#

79 22.9 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 554828

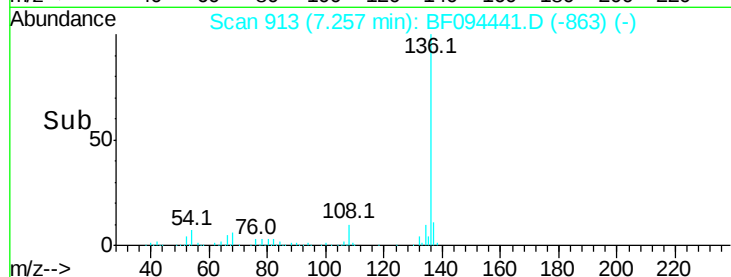
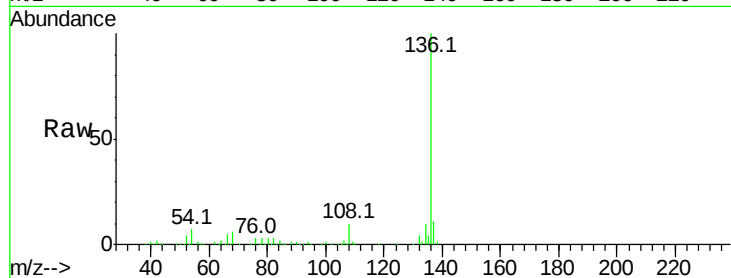
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.2 4.9 7.3

68 6.0 4.1 6.1

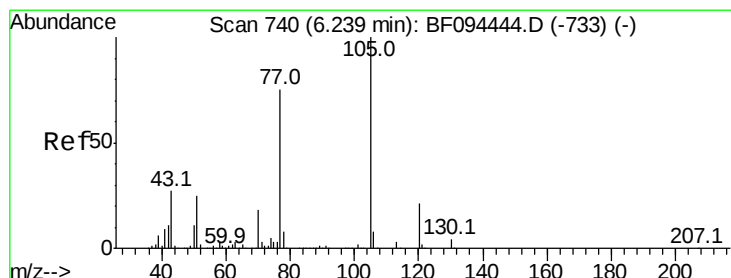
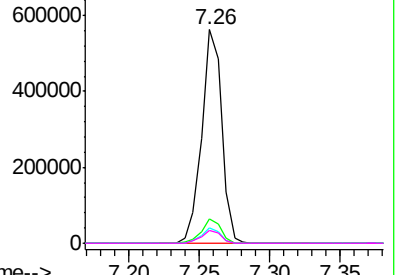


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 2.84 ng

RT: 6.23 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Tgt Ion:105 Resp: 35085

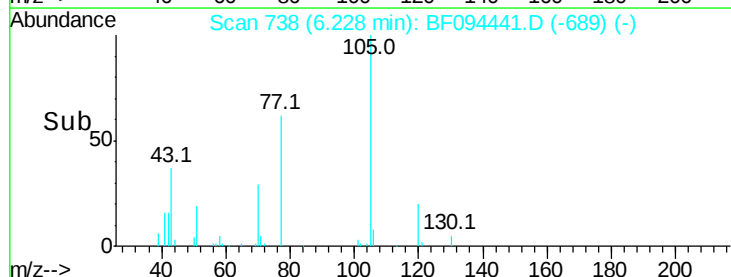
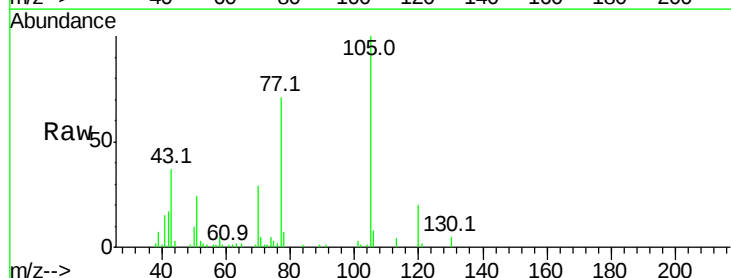
Ion Ratio Lower Upper

105 100

71 5.2 2.8 4.2#

51 24.1 30.7 46.1#

120 20.3 17.4 26.0

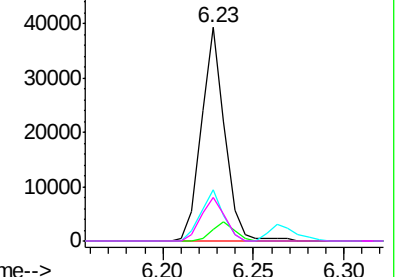


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

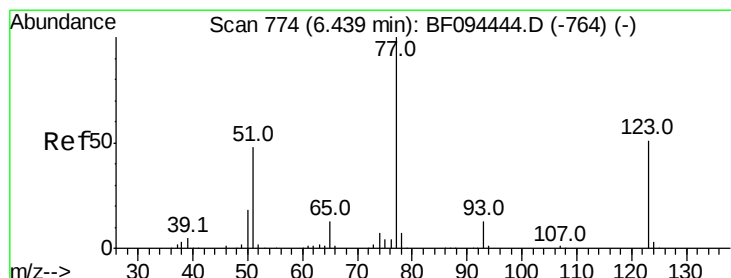
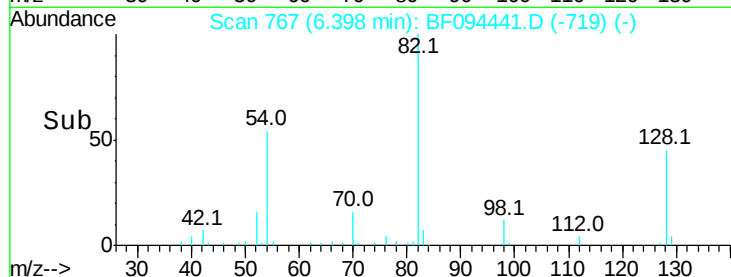
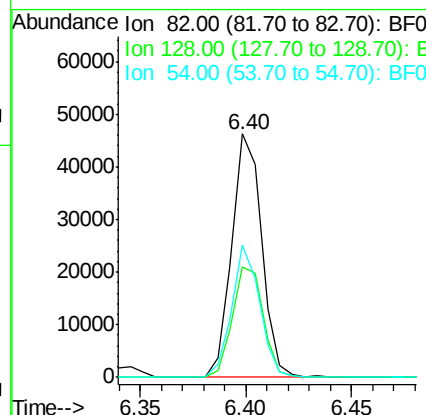
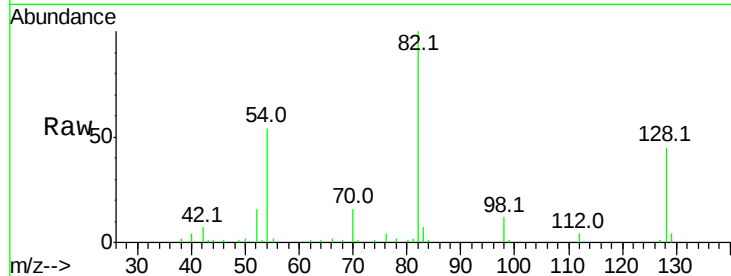




#23
 Nitrobenzene-d5
 Concen: 4.62 ng
 RT: 6.40 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

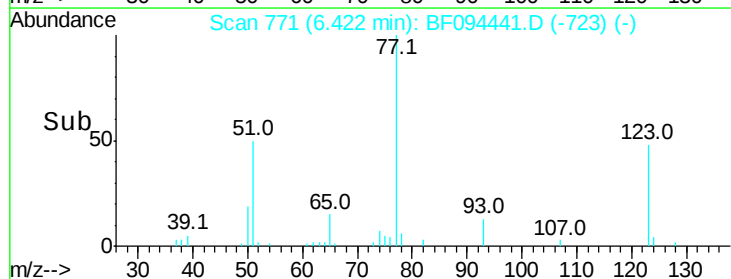
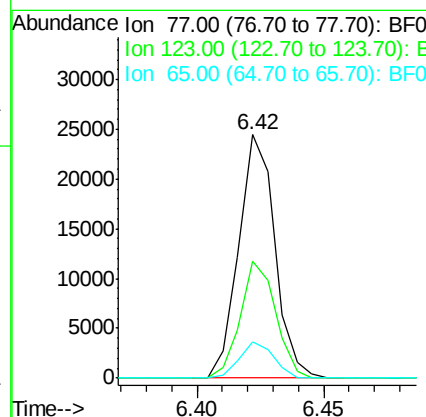
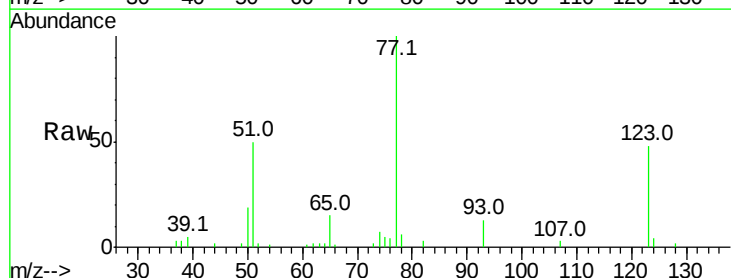
Instrument :
 BNA_F
 ClientSampleId :

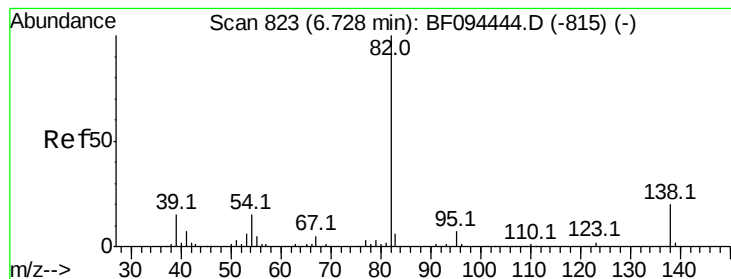
Tot Ion: 82 Resp: 44963
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.0 51.0
 54 54.1 42.2 63.2



#24
 Nitrobenzene
 Concen: 2.52 ng
 RT: 6.42 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Tgt Ion: 77 Resp: 24118
 Ion Ratio Lower Upper
 77 100
 123 47.9 35.8 53.8
 65 14.6 10.6 15.8





#25

Isophorone

Concen: 2.42 ng

RT: 6.71 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

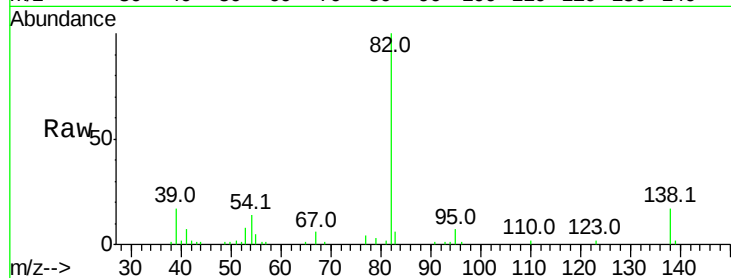
Tot Ion: 82 Resp: 41269

Ion Ratio Lower Upper

82 100

95 7.4 5.3 7.9

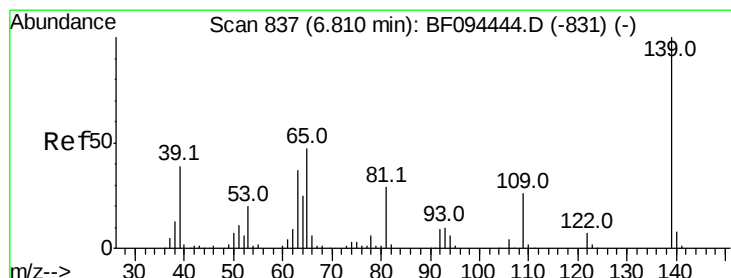
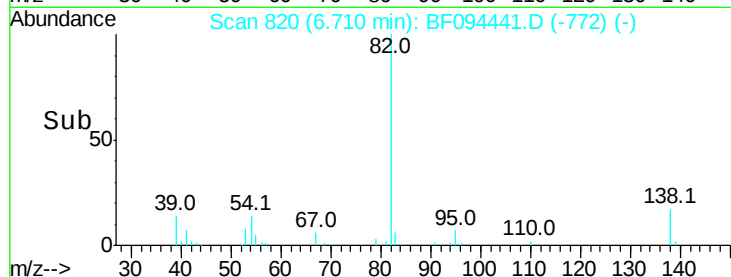
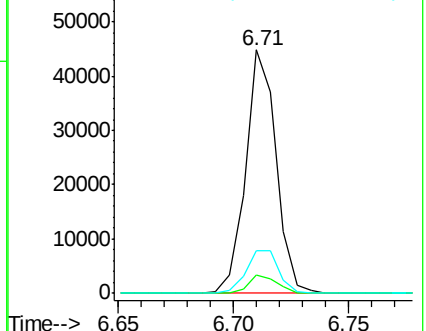
138 17.5 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 2.55 ng

RT: 6.80 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

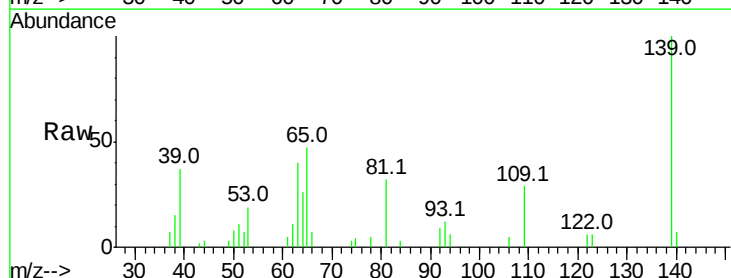
Tgt Ion: 139 Resp: 11667

Ion Ratio Lower Upper

139 100

109 28.9 21.0 31.6

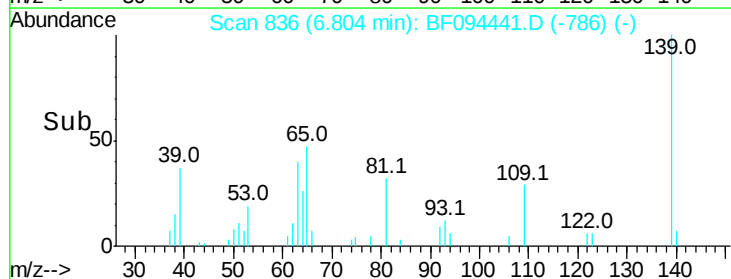
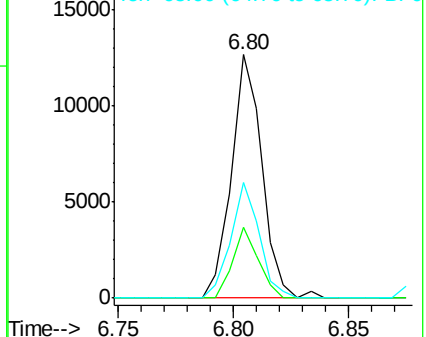
65 47.4 33.0 49.6

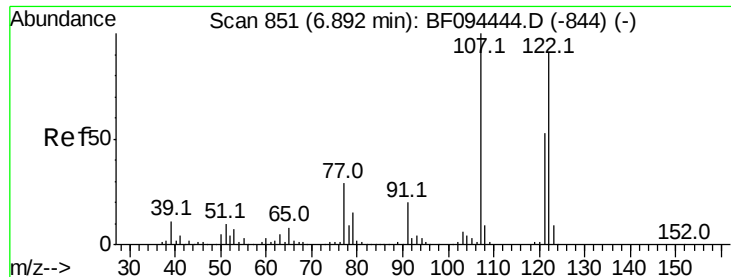


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 2.70 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

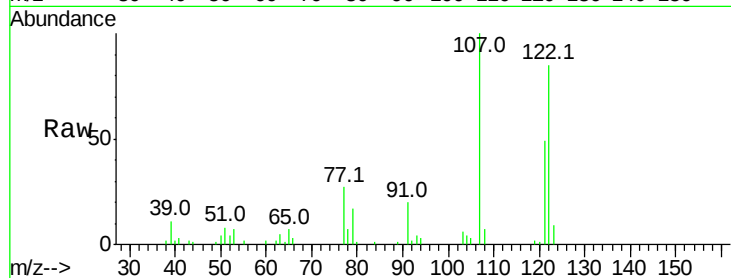
Tot Ion:122 Resp: 21248

Ion Ratio Lower Upper

122 100

107 117.2 89.2 133.8

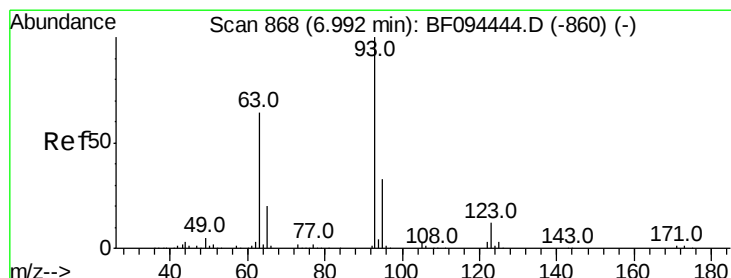
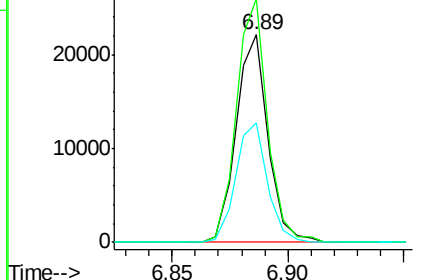
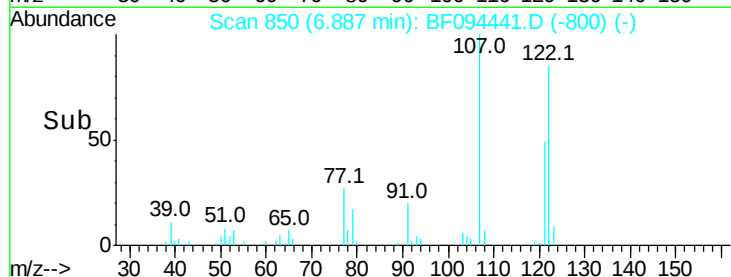
121 57.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.46 ng

RT: 6.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

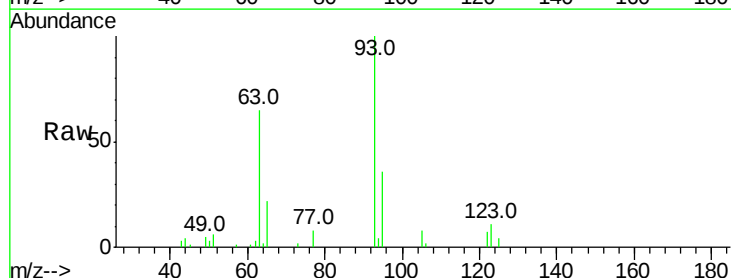
Tgt Ion: 93 Resp: 27715

Ion Ratio Lower Upper

93 100

95 36.3 26.5 39.7

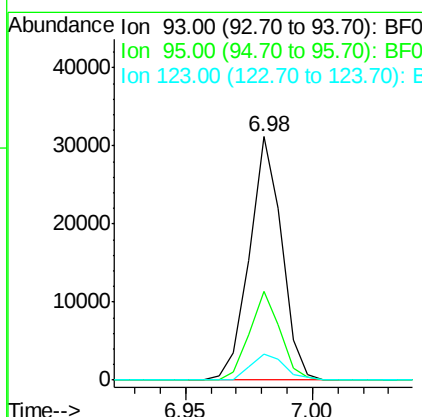
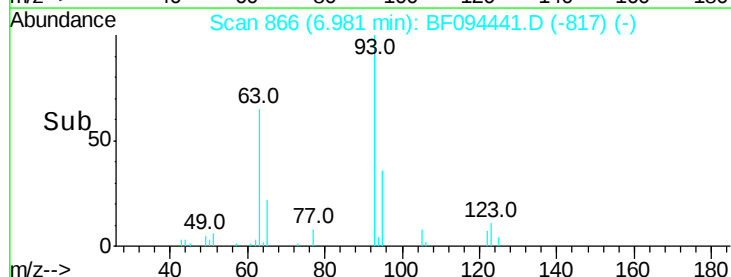
123 10.9 9.0 13.4

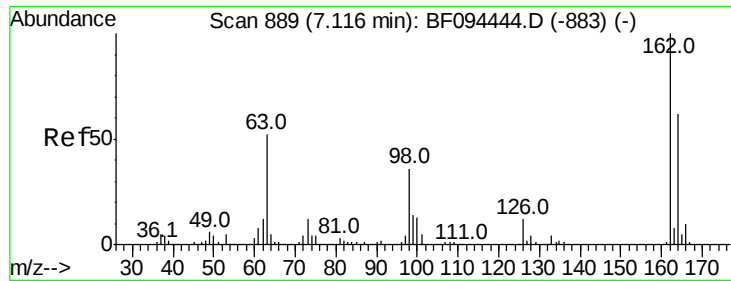


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

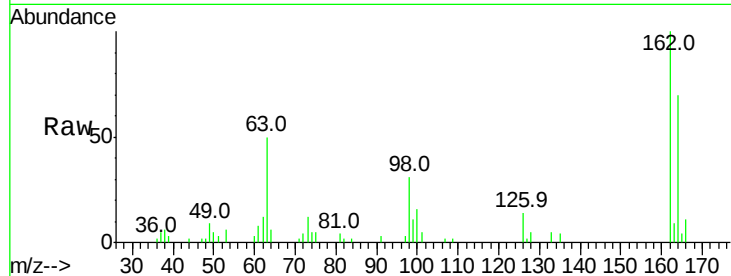




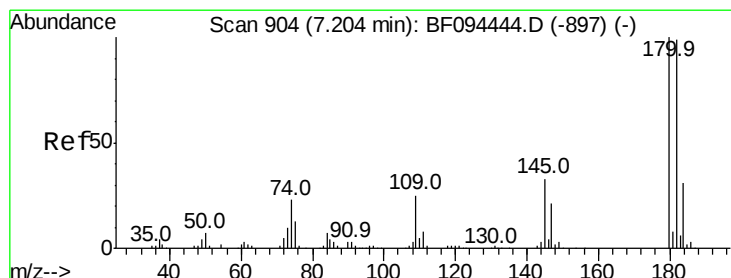
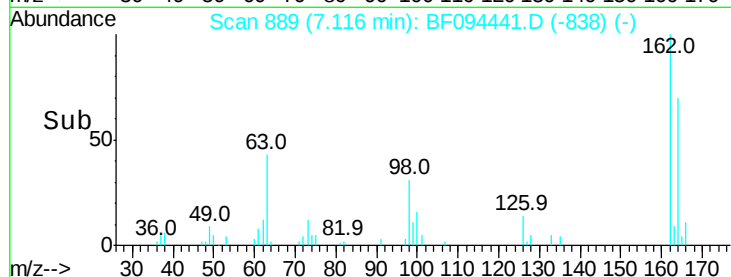
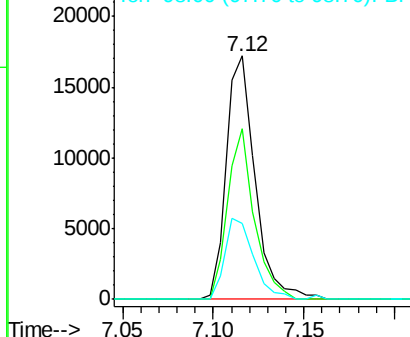
#29
 2,4-Dichlorophenol
 Concen: 2.59 ng
 RT: 7.12 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	70.1	44.6	84.6
98	31.1	14.8	54.8

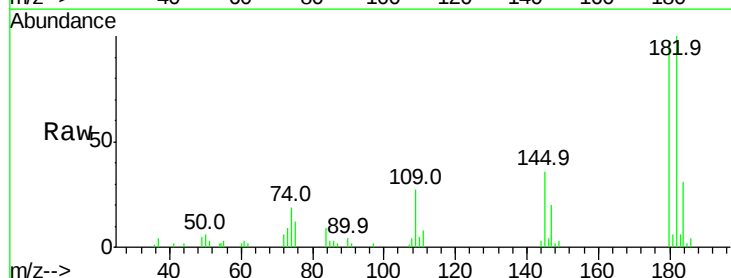


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

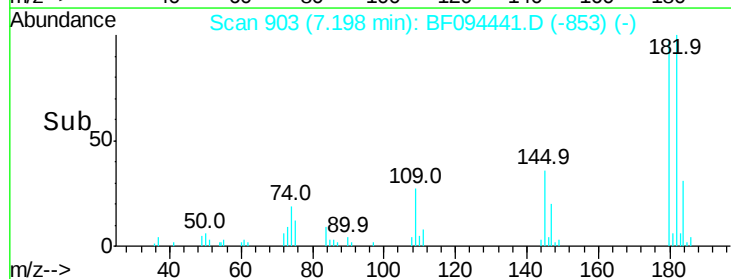
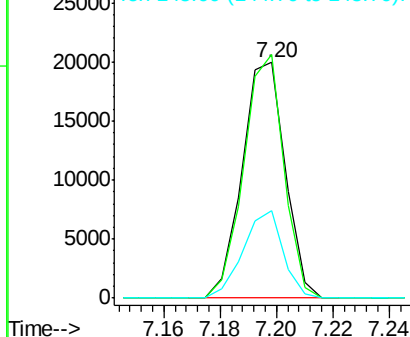


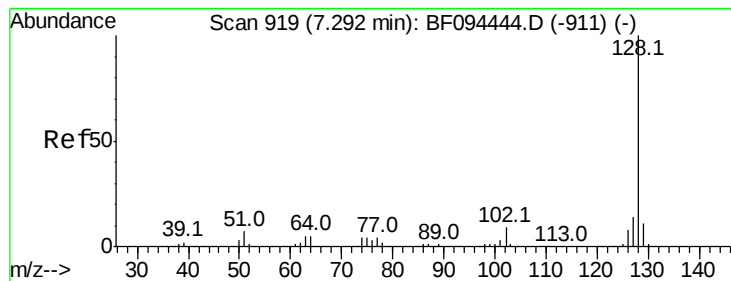
#30
 1,2,4-Trichlorobenzene
 Concen: 2.78 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.3	75.8	113.6
145	37.2	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 2.79 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

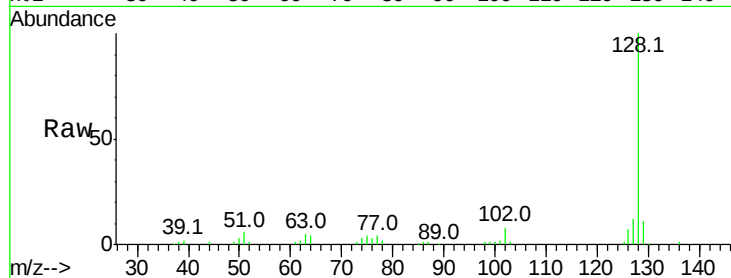
Tot Ion:128 Resp: 74466

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

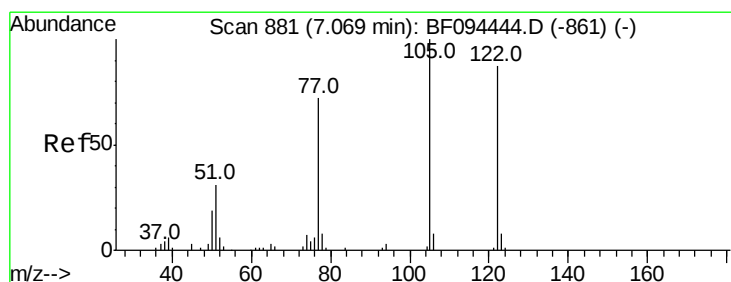
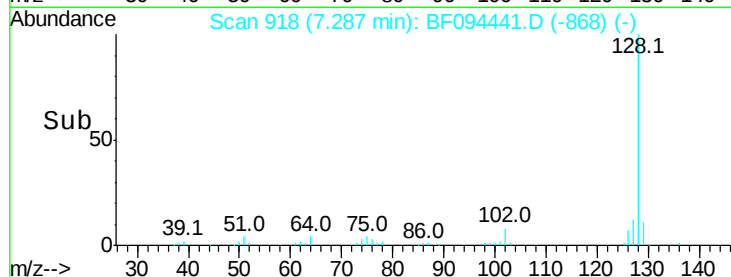
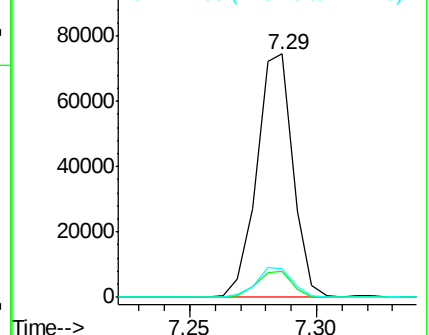
127 11.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 1.23 ng

RT: 6.99 min Scan# 867

Delta R.T. -0.08 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

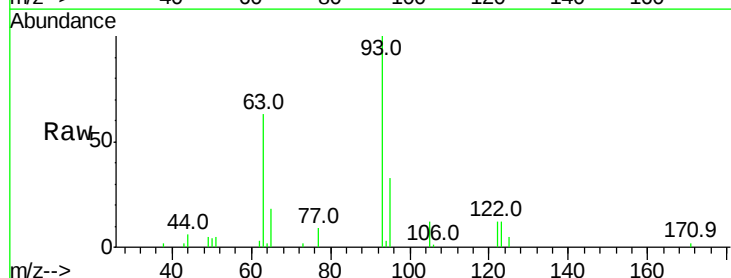
Tgt Ion:122 Resp: 6468

Ion Ratio Lower Upper

122 100

105 99.4 103.3 143.3#

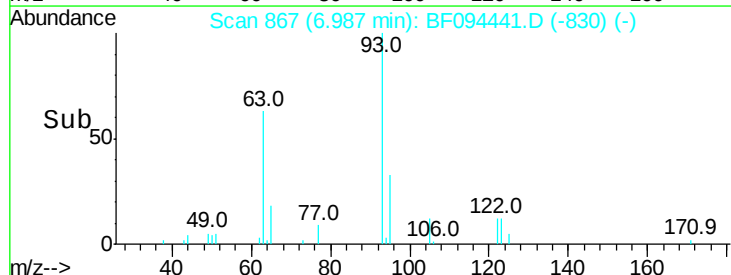
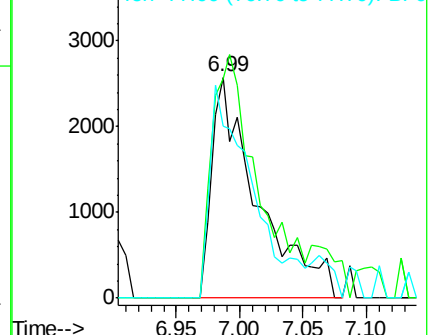
77 77.8 73.7 113.7

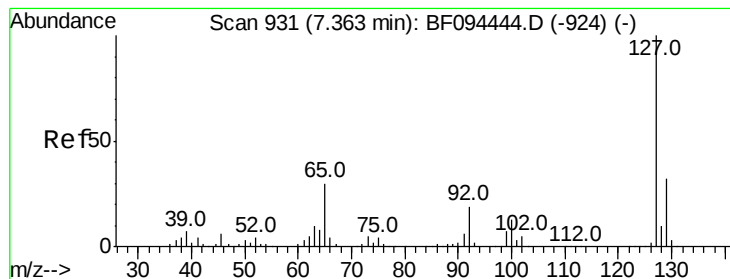


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 2.63 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 28478

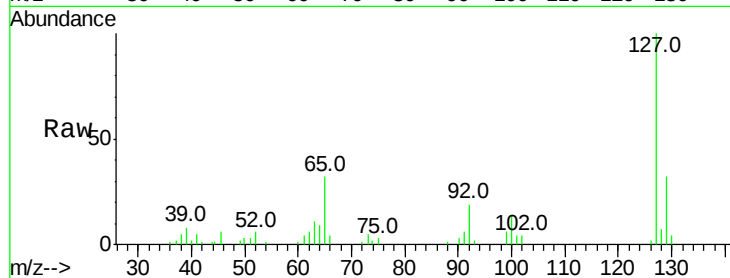
Ion Ratio Lower Upper

127 100

129 32.3 26.2 39.2

65 32.1 27.8 41.8

92 19.2 16.8 25.2

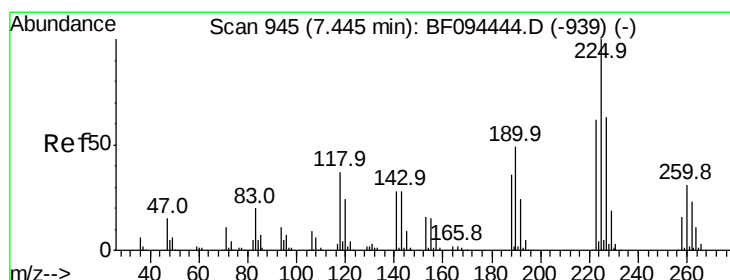
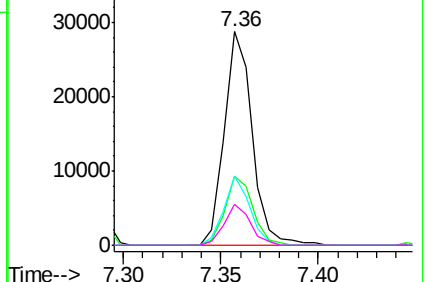
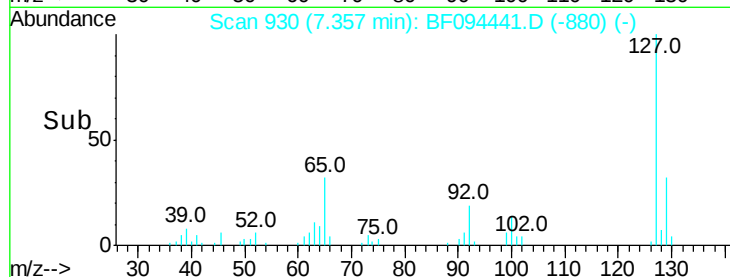


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 2.79 ng

RT: 7.45 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

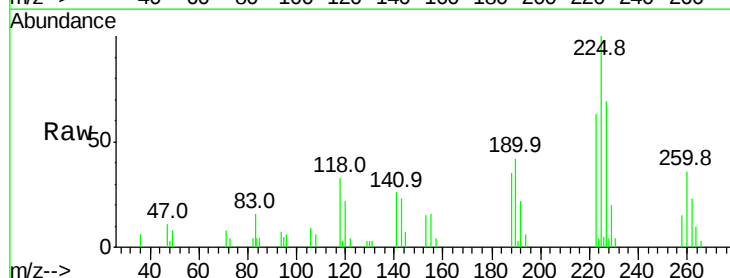
Tgt Ion:225 Resp: 10858

Ion Ratio Lower Upper

225 100

223 62.5 48.8 73.2

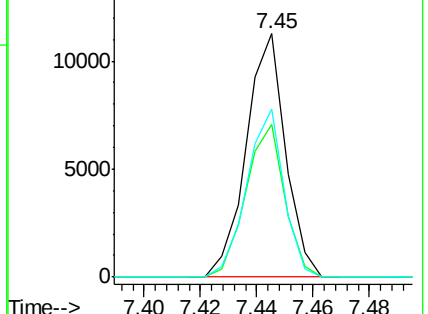
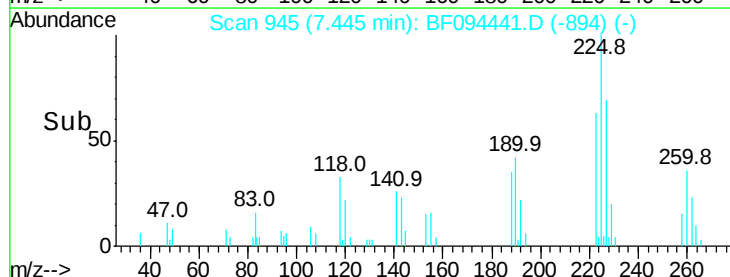
227 69.0 51.1 76.7

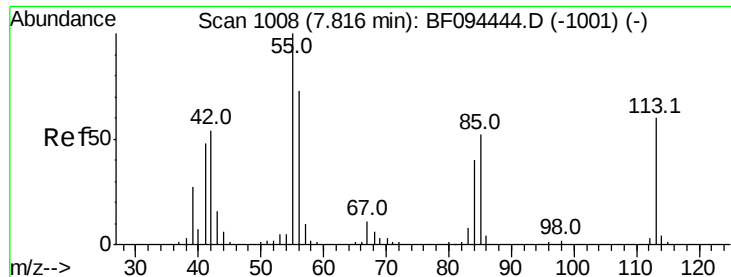


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

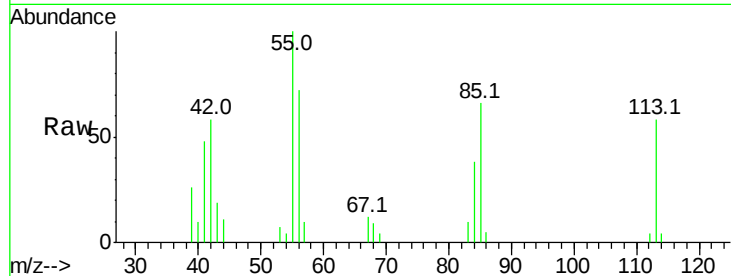




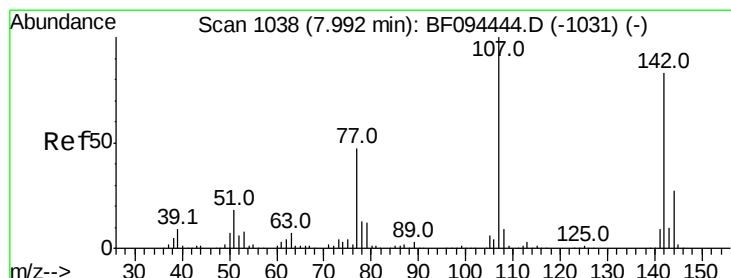
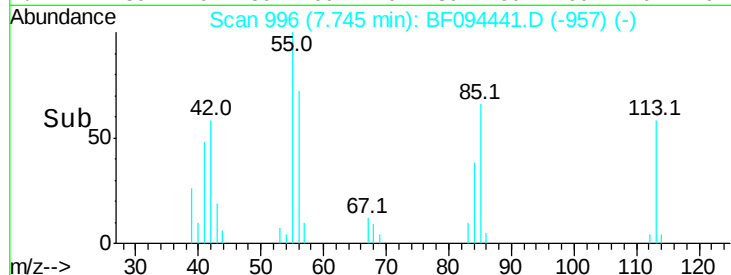
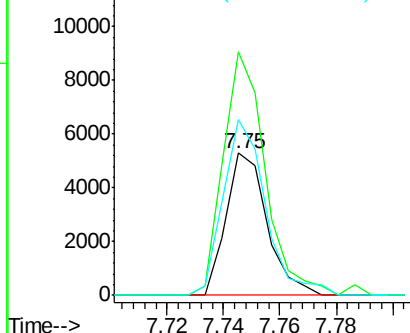
#35
 Caprolactam
 Concen: 2.27 ng
 RT: 7.75 min Scan# 996
 Delta R.T. -0.07 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 5330
 Ion Ratio Lower Upper
 113 100
 55 171.3 150.2 190.2
 56 123.4 107.8 147.8

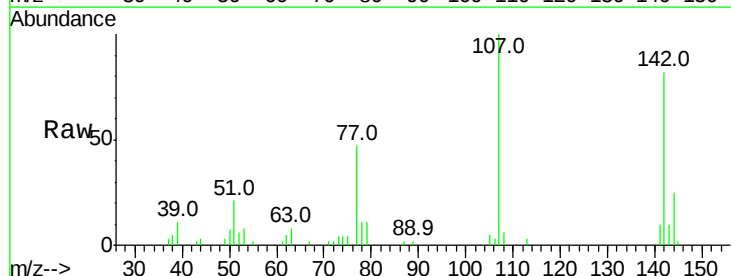


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

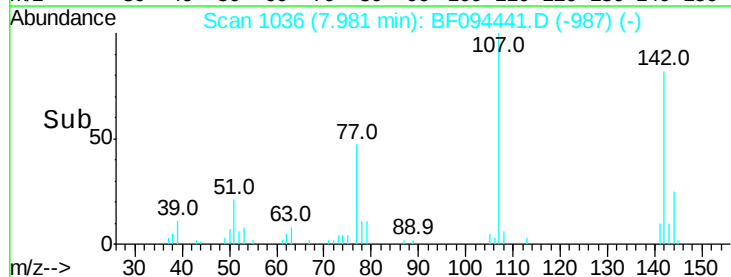
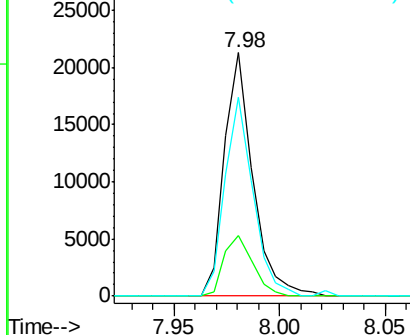


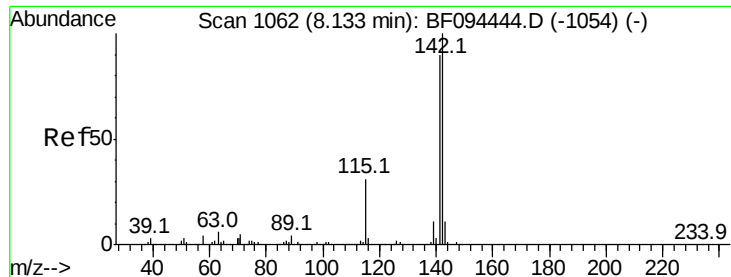
#36
 4-Chloro-3-methylphenol
 Concen: 2.59 ng
 RT: 7.98 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Tgt Ion:107 Resp: 19912
 Ion Ratio Lower Upper
 107 100
 144 25.0 24.2 36.4
 142 81.7 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

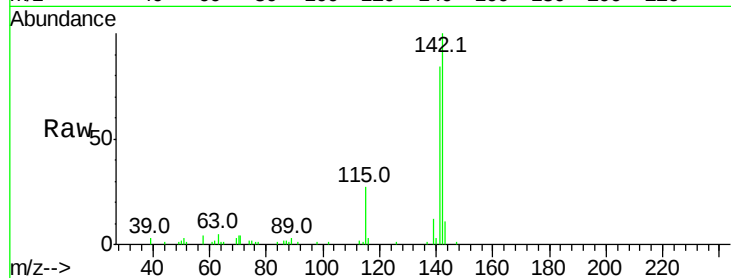




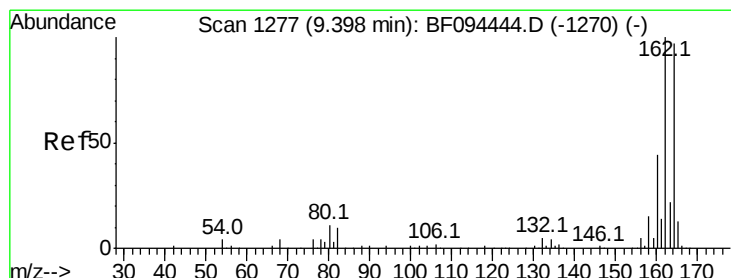
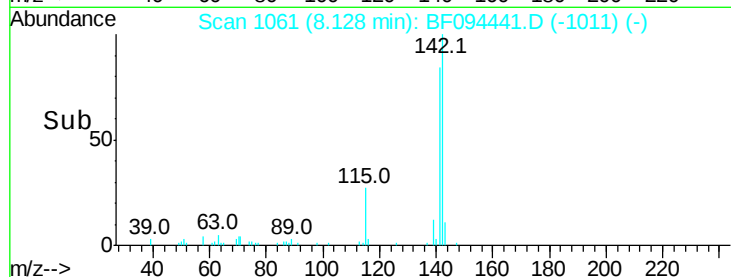
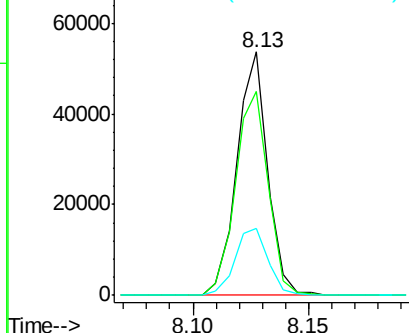
#37
 2-Methylnaphthalene
 Concen: 2.80 ng
 RT: 8.13 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 49785
 Ion Ratio Lower Upper
 142 100
 141 83.7 71.3 106.9
 115 27.3 27.1 40.7

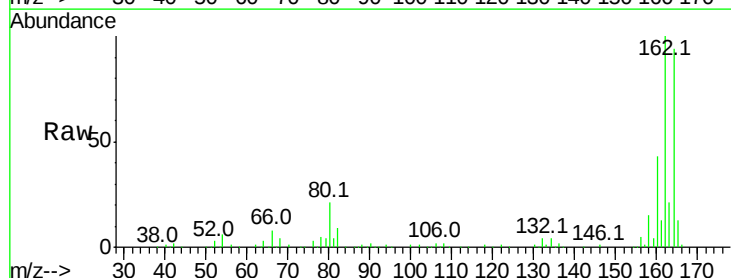


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

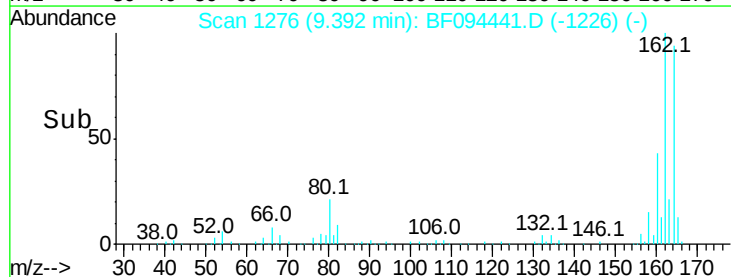
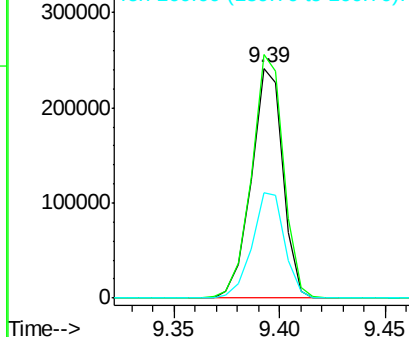


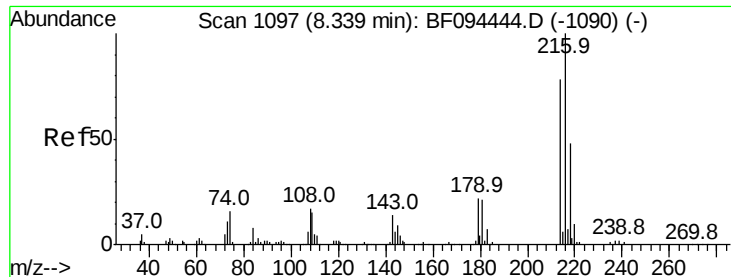
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Tgt Ion:164 Resp: 251064
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.6 123.8
 160 45.6 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

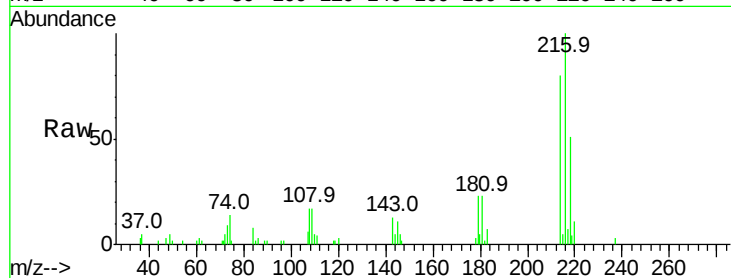




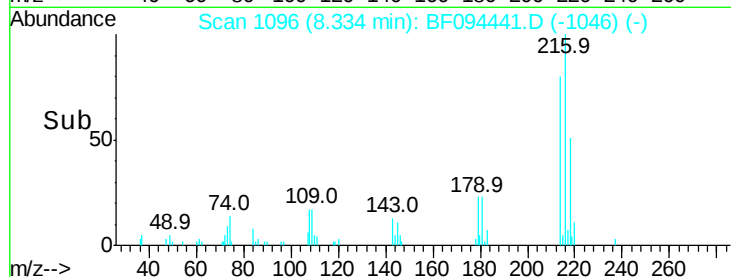
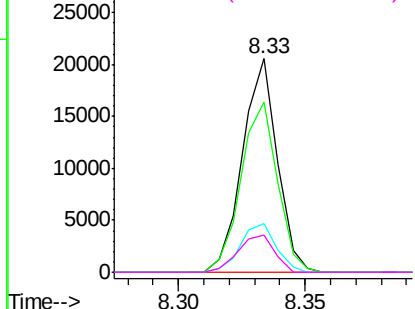
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.85 ng
 RT: 8.33 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	19596
Ion	Ratio	Lower	Upper
216	100		
214	83.6	63.4	95.2
179	23.5	17.9	26.9
108	18.2	16.5	24.7

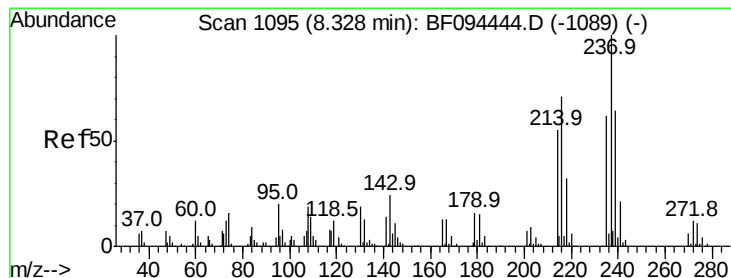


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

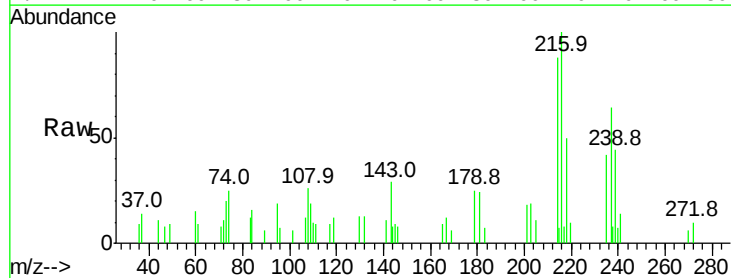
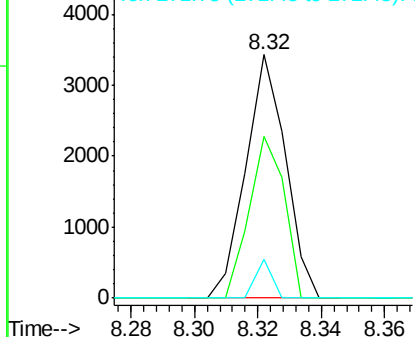


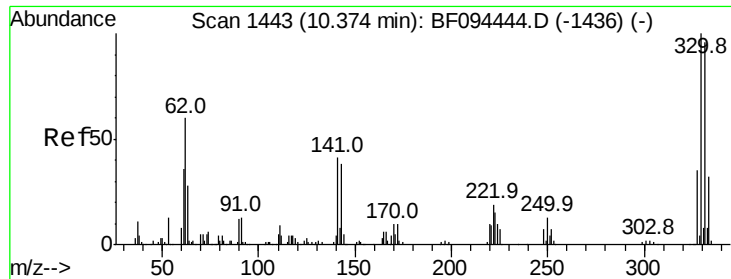
#40
 Hexachlorocyclopentadiene
 Concen: 0.93 ng
 RT: 8.32 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Tgt Ion:	237	Resp:	2992
Ion	Ratio	Lower	Upper
237	100		
235	66.2	42.6	82.6
272	16.2	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

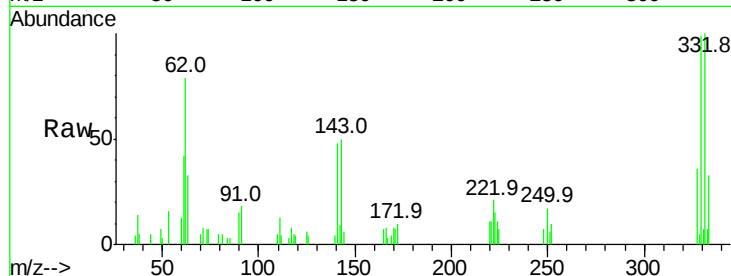




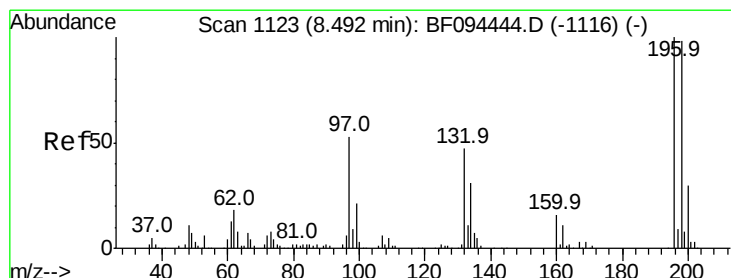
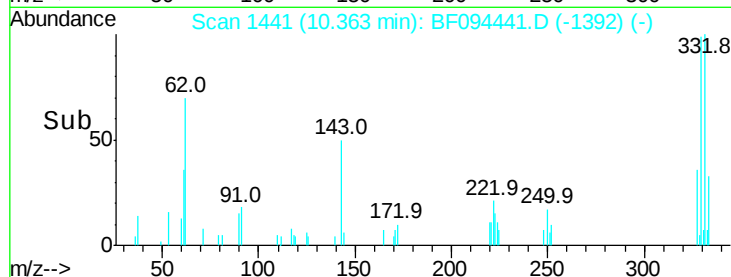
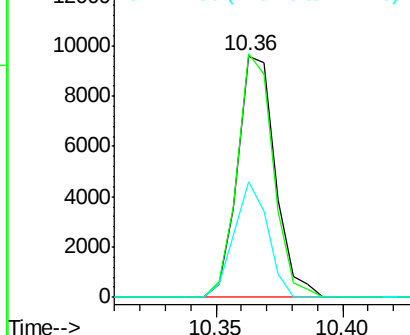
#41
 2,4,6-Tribromophenol
 Concen: 5.01 ng
 RT: 10.36 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 9944
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 42.4 31.4 47.2

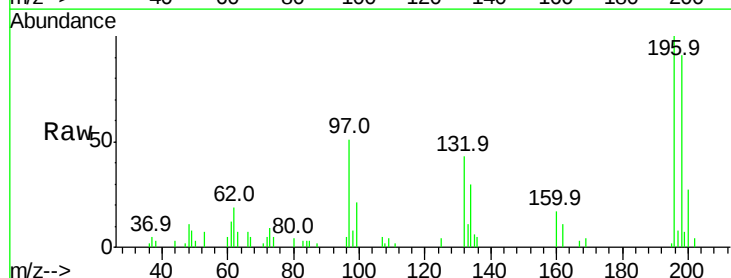


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

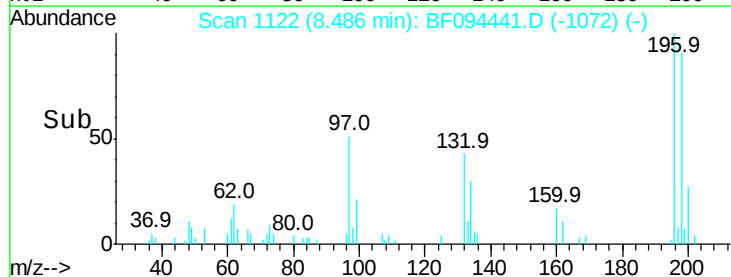
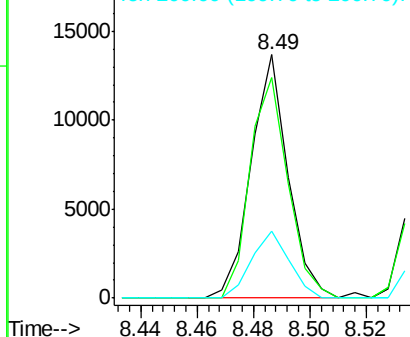


#42
 2,4,6-Trichlorophenol
 Concen: 2.57 ng
 RT: 8.49 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Tgt Ion:196 Resp: 12476
 Ion Ratio Lower Upper
 196 100
 198 90.6 74.2 111.4
 200 27.4 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

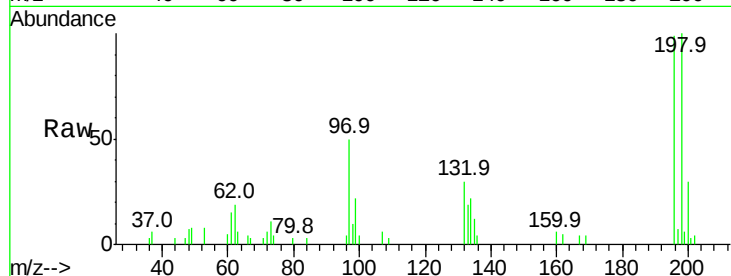




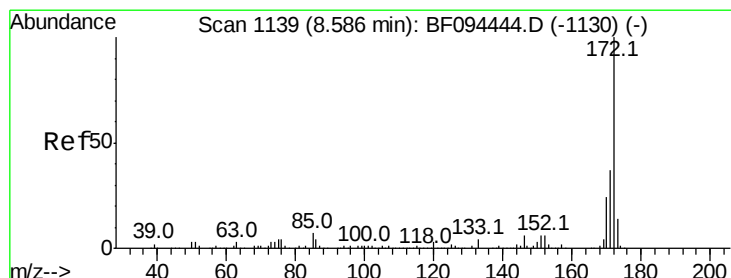
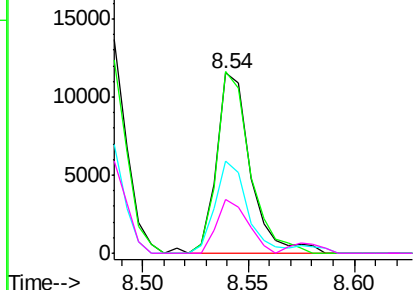
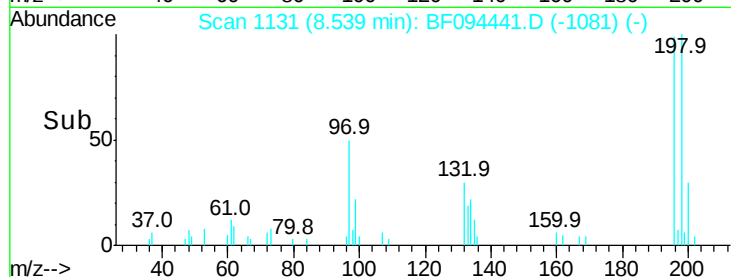
#43
 2,4,5-Trichlorophenol
 Concen: 2.45 ng
 RT: 8.54 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 12860
 Ion Ratio Lower Upper
 196 100
 198 101.3 75.7 113.5
 97 50.9 47.7 71.5
 132 30.0 28.0 42.0

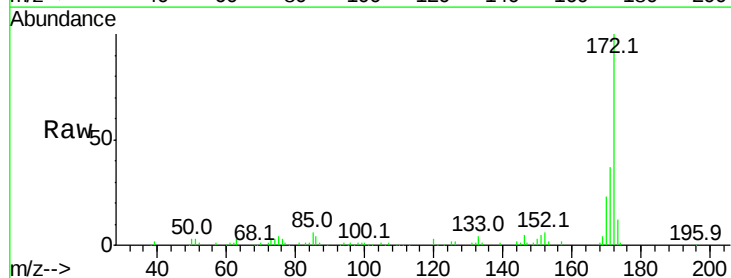


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

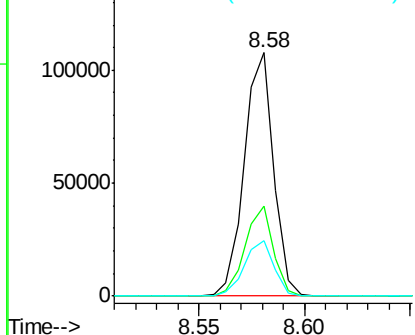
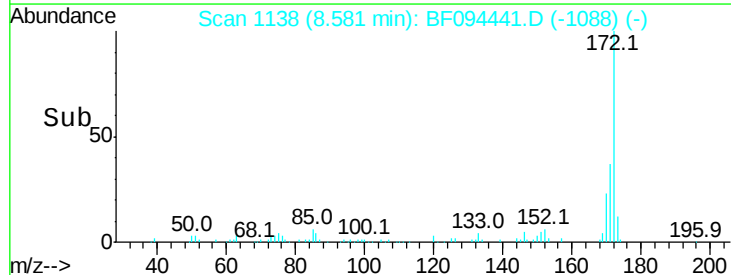


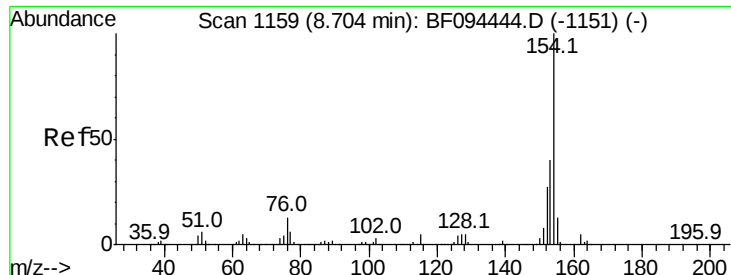
#44
 2-Fluorobiphenyl
 Concen: 6.30 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Tgt Ion:172 Resp: 103706
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 22.9 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 2.86 ng

RT: 8.70 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

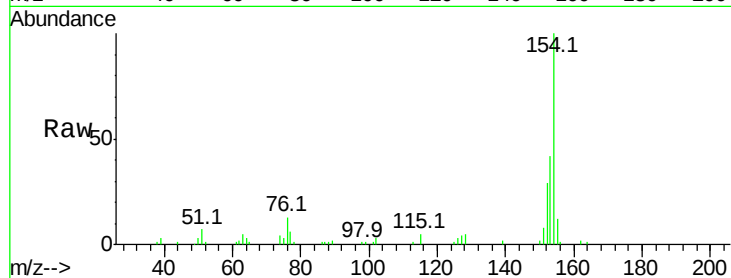
Tot Ion:154 Resp: 57894

Ion Ratio Lower Upper

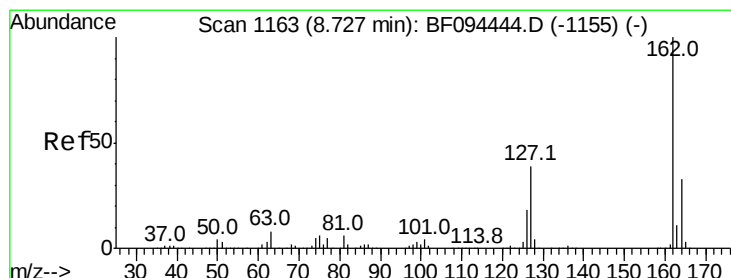
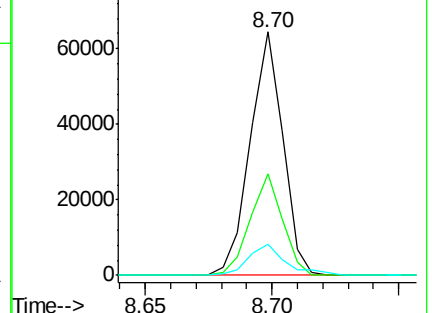
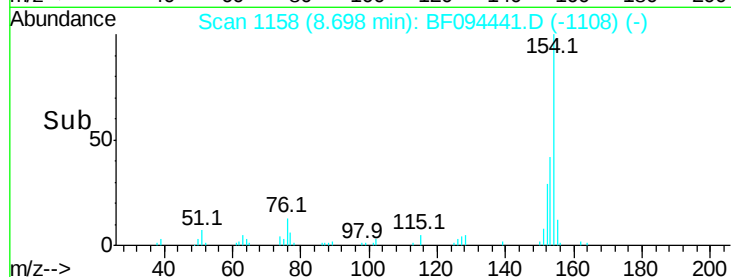
154 100

153 41.6 21.2 61.2

76 12.8 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 2.88 ng

RT: 8.72 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

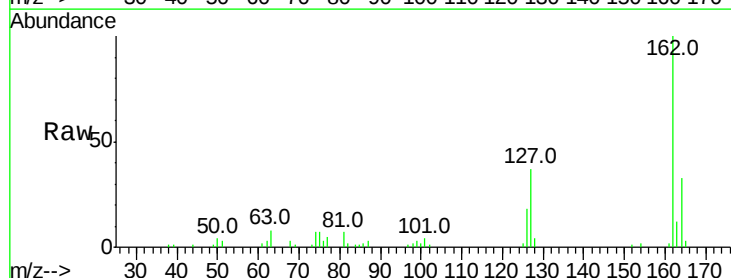
Tgt Ion:162 Resp: 45654

Ion Ratio Lower Upper

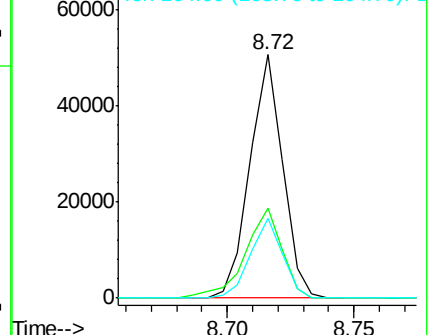
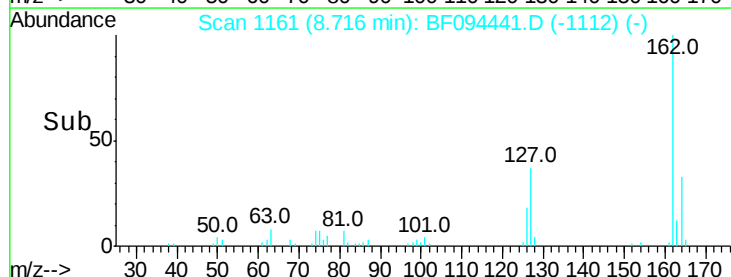
162 100

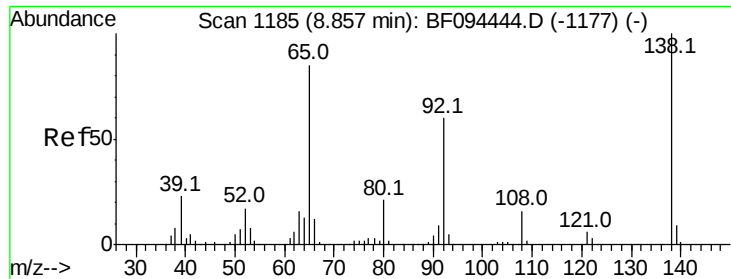
127 37.2 28.3 42.5

164 33.0 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

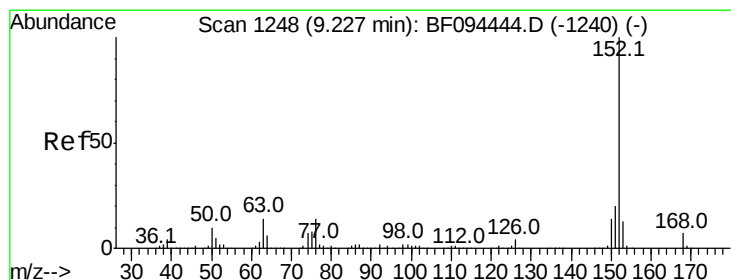
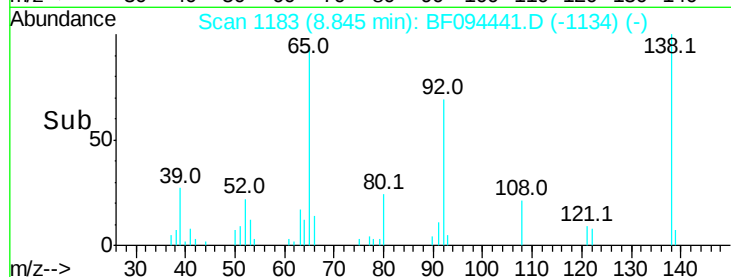
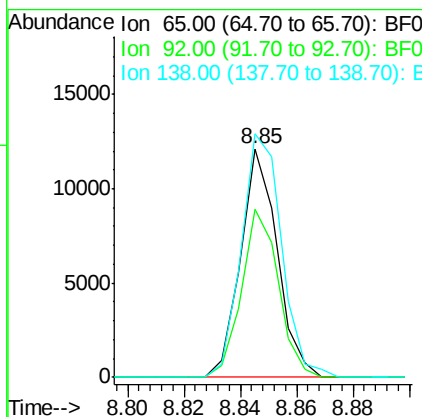
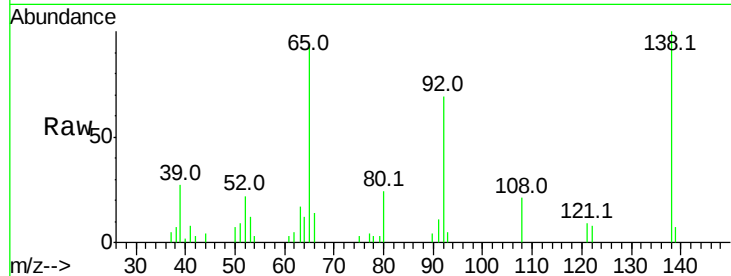




#47
2-Nitroaniline
Concen: 2.32 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

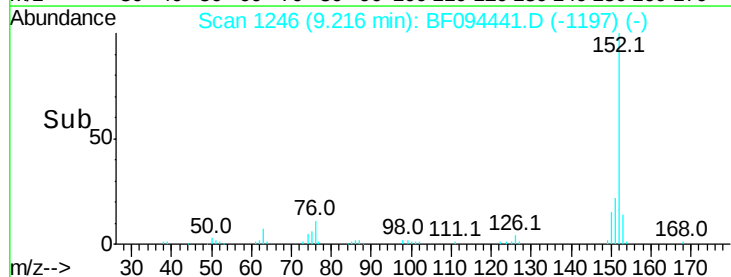
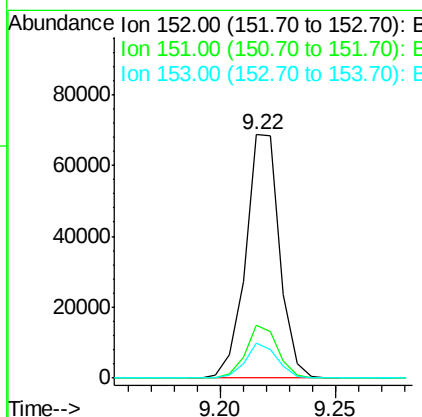
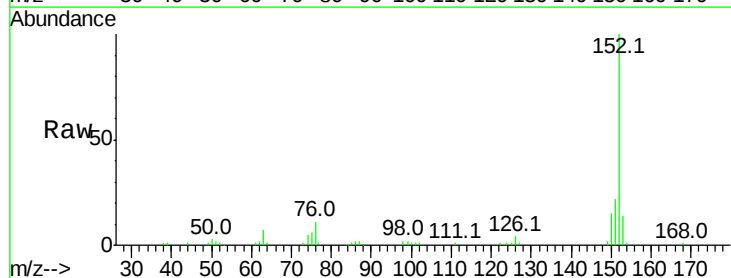
Instrument :
BNA_F
ClientSampleId :

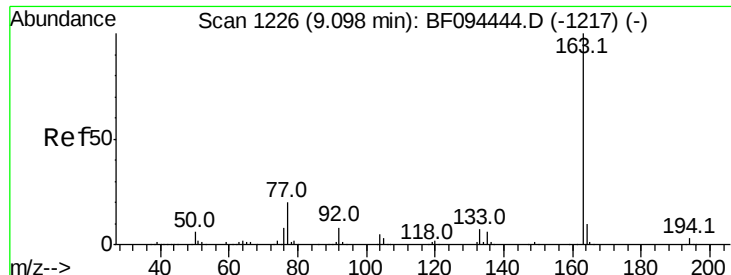
Tot Ion: 65 Resp: 10896
Ion Ratio Lower Upper
65 100
92 73.7 53.9 80.9
138 106.5 78.8 118.2



#48
Acenaphthylene
Concen: 2.68 ng
RT: 9.22 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

Tgt Ion:152 Resp: 70676
Ion Ratio Lower Upper
152 100
151 21.9 16.8 25.2
153 14.3 10.8 16.2

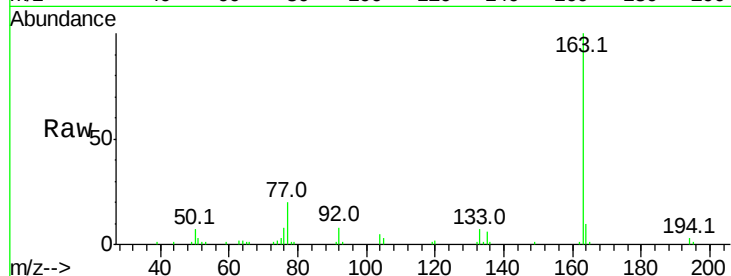




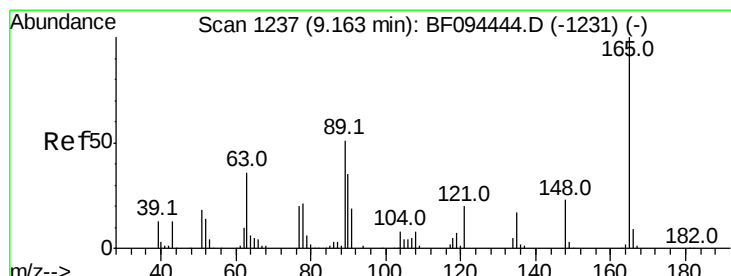
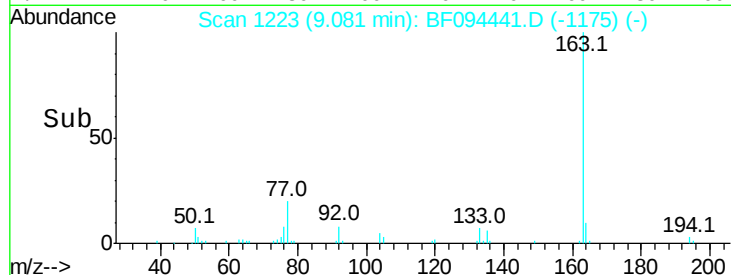
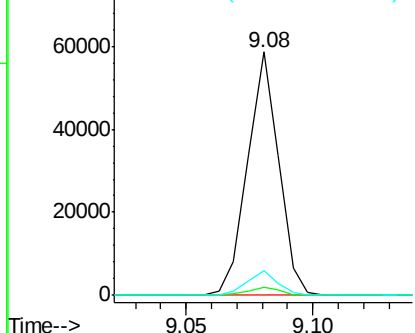
#49
Dimethylphthalate
Concen: 2.82 ng
RT: 9.08 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.9	8.4	12.6

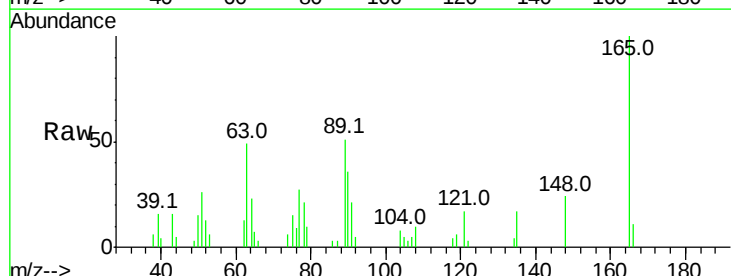


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

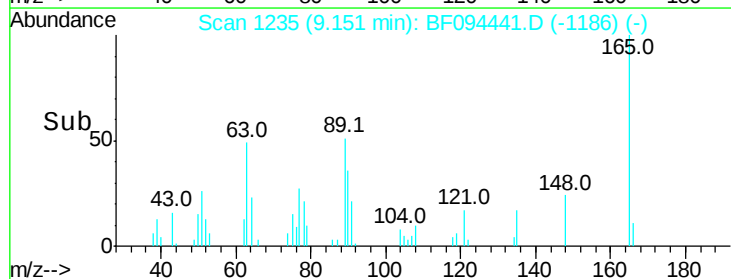
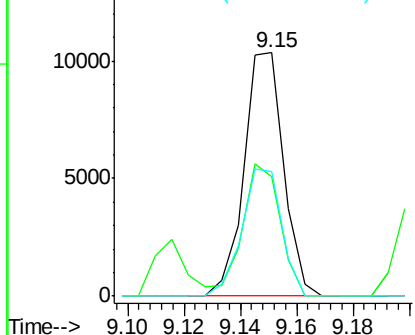


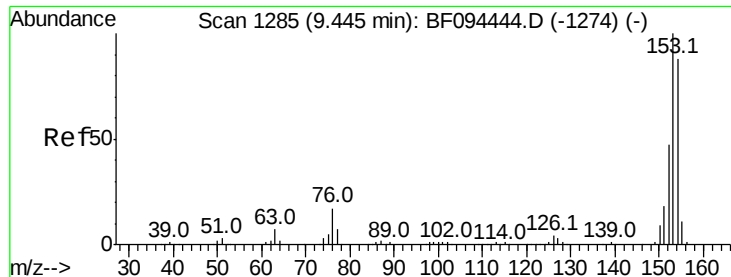
#50
2,6-Dinitrotoluene
Concen: 2.46 ng
RT: 9.15 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.8	34.3	51.5
89	51.1	37.1	55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.77 ng

RT: 9.43 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

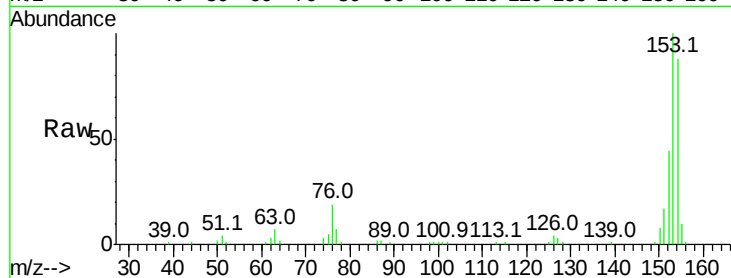
Tot Ion:154 Resp: 42641

Ion Ratio Lower Upper

154 100

153 113.9 90.5 135.7

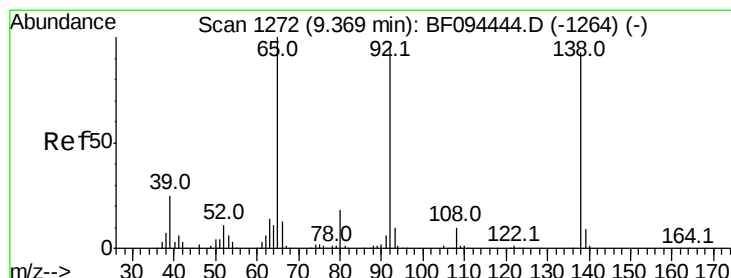
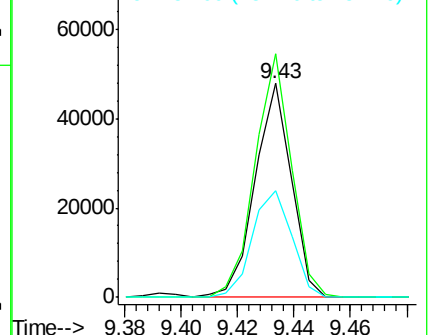
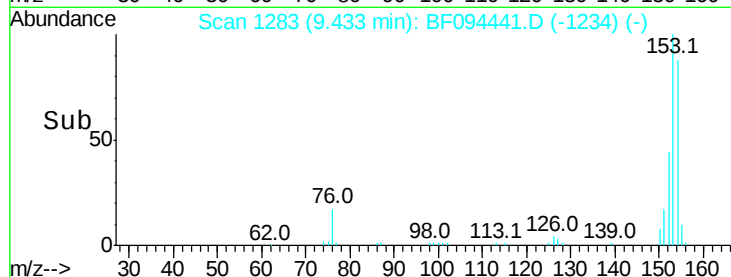
152 49.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 2.47 ng

RT: 9.35 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

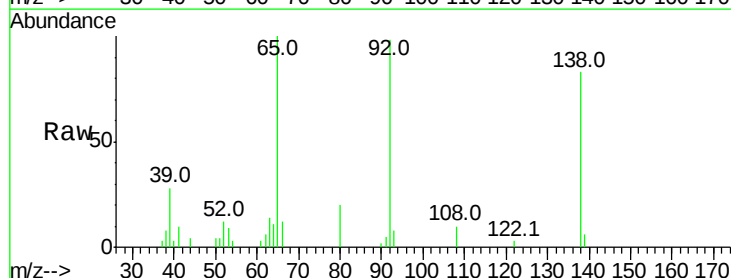
Tgt Ion:138 Resp: 11863

Ion Ratio Lower Upper

138 100

108 12.6 9.1 13.7

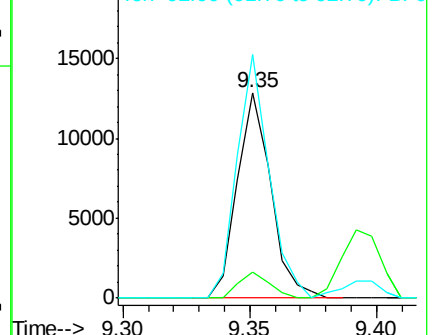
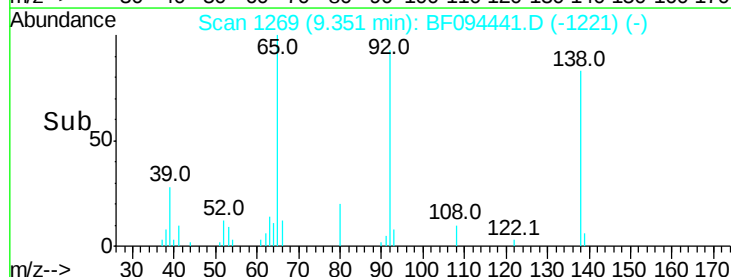
92 118.4 93.8 140.6

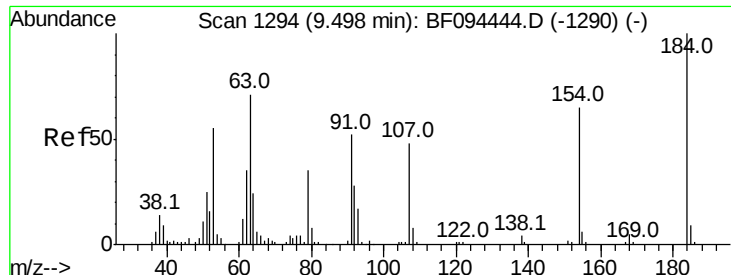


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

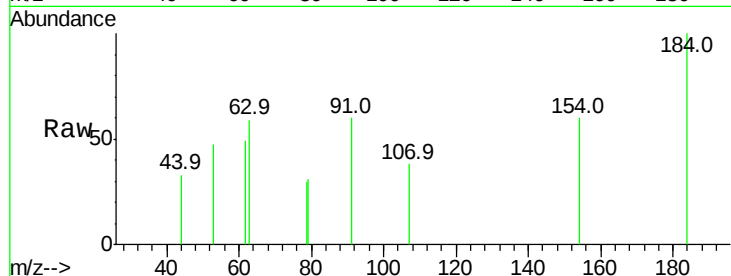




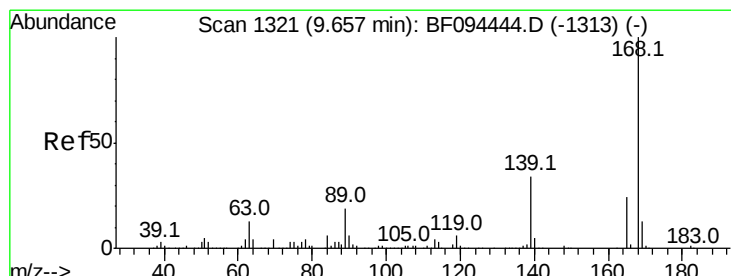
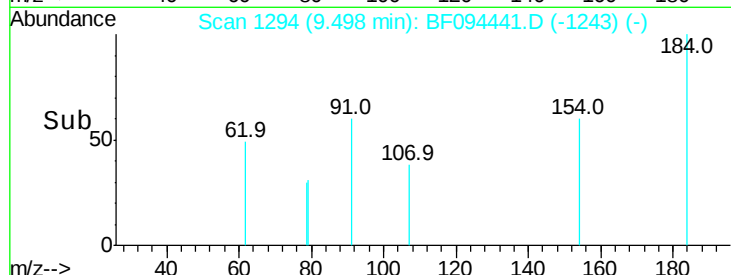
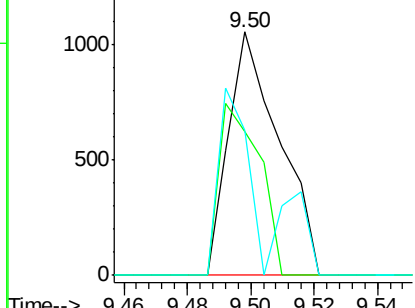
#53
 2,4-Dinitrophenol
 Concen: 0.60 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 1170
 Ion Ratio Lower Upper
 184 100
 63 58.8 62.7 94.1#
 154 59.7 81.1 121.7#

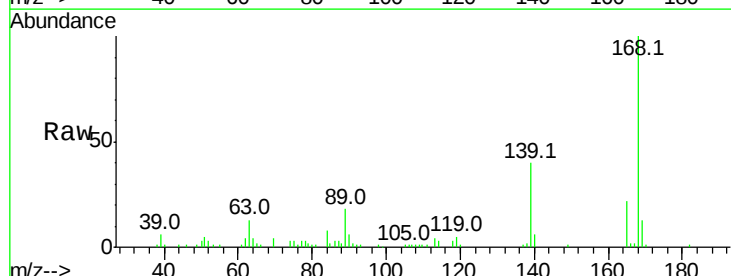


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

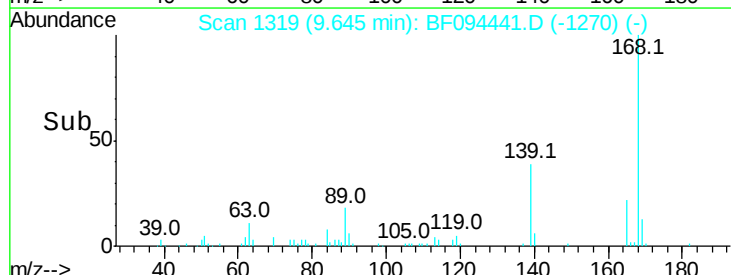
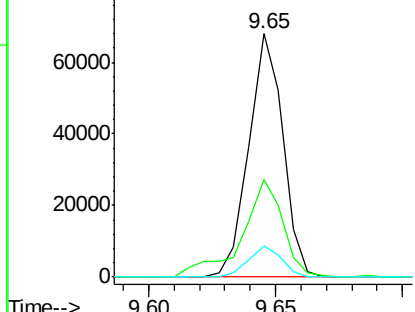


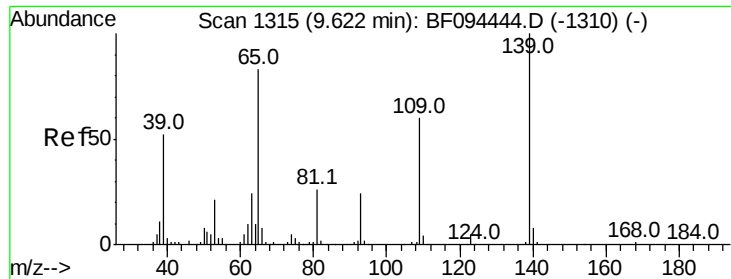
#54
 Dibenzofuran
 Concen: 3.05 ng
 RT: 9.65 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Tgt Ion:168 Resp: 63737
 Ion Ratio Lower Upper
 168 100
 139 40.0 30.6 45.8
 169 13.0 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

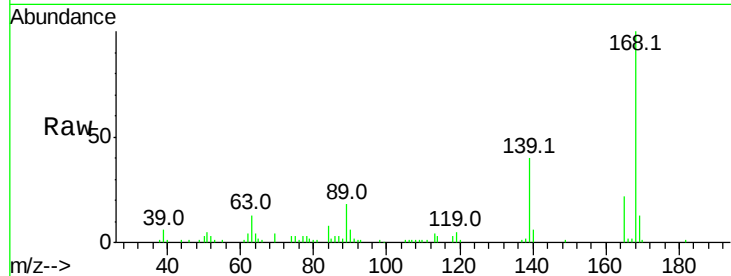




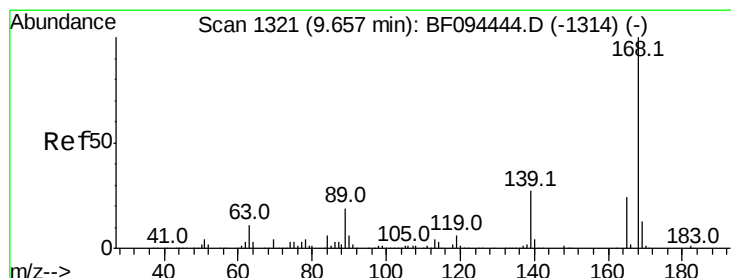
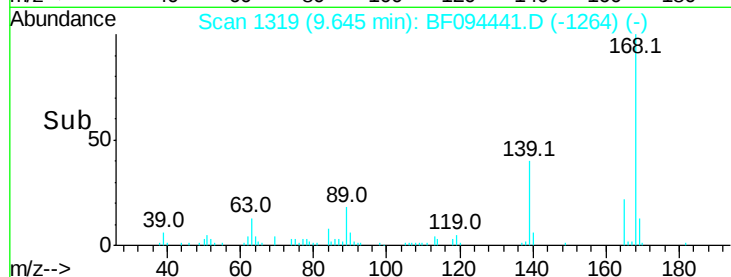
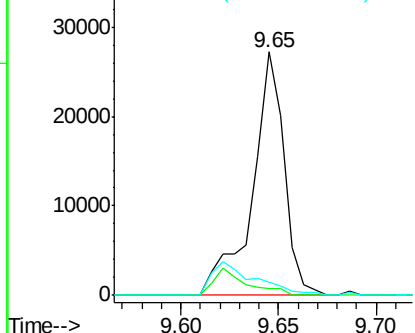
#55
4-Nitrophenol
Concen: 8.20 ng
RT: 9.65 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	2.7	34.1	74.1#
65	5.6	31.4	71.4#



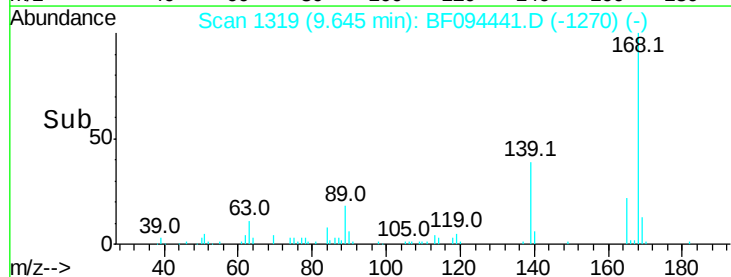
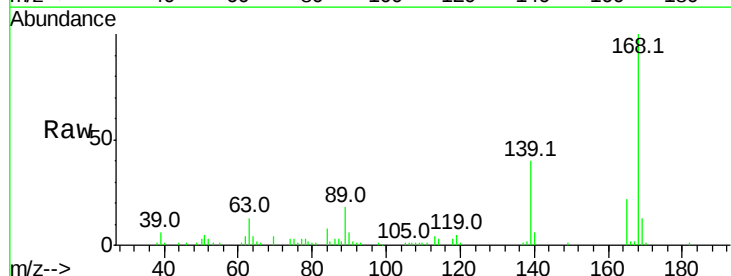
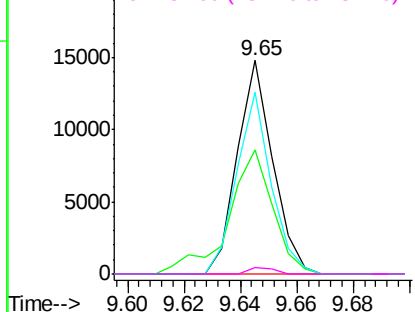
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 2.52 ng
RT: 9.65 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.3	25.4	38.0#
89	84.9	46.4	69.6#
182	2.8	1.8	2.6#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

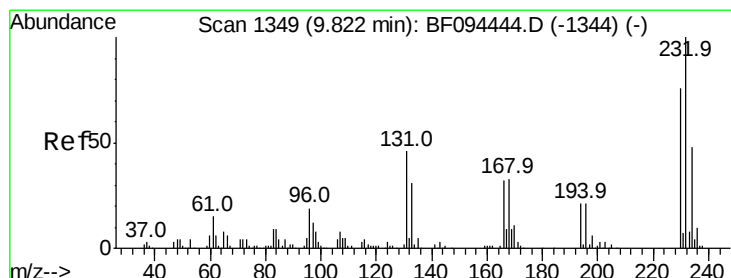
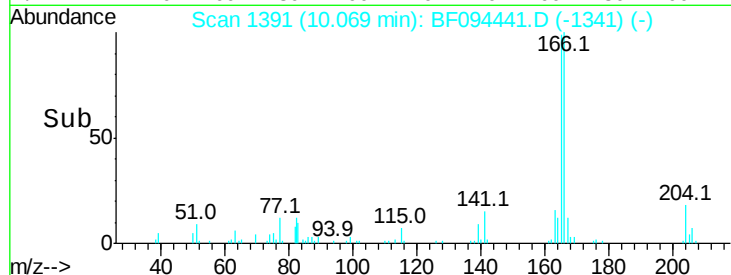
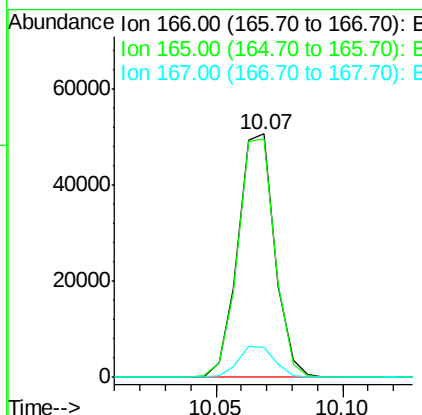
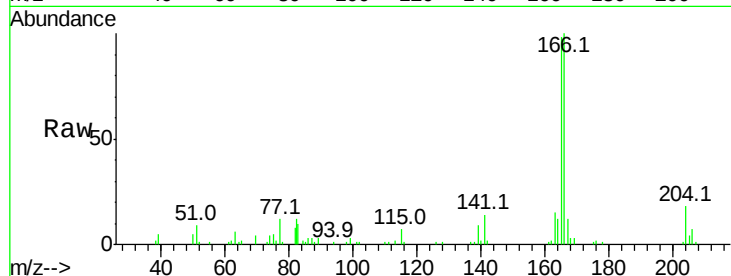




#57
 Fluorene
 Concen: 2.94 ng
 RT: 10.07 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

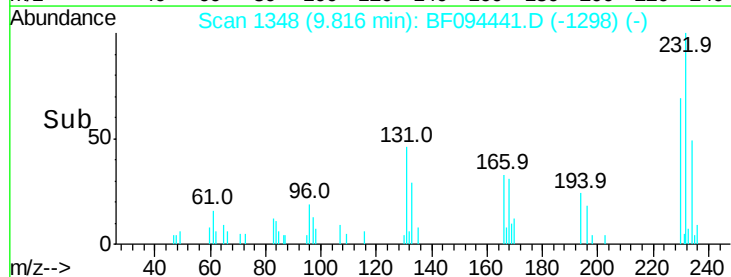
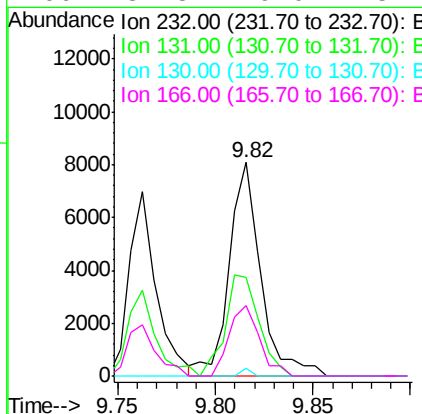
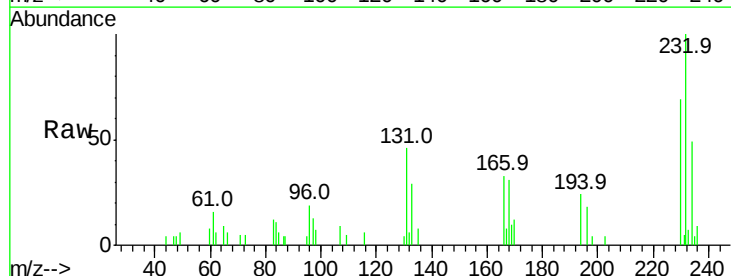
Instrument :
 BNA_F
 ClientSampleId :

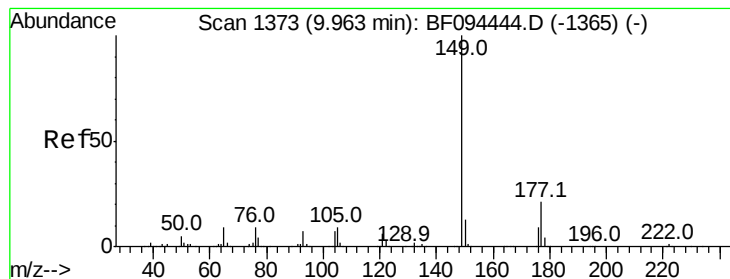
Tot Ion:166 Resp: 51028
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.8 118.2
 167 12.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.51 ng
 RT: 9.82 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Tgt Ion:232 Resp: 9069
 Ion Ratio Lower Upper
 232 100
 131 50.3 44.8 67.2
 130 1.2 2.3 3.5#
 166 31.8 29.0 43.4





#59

Diethylphthalate

Concen: 2.68 ng

RT: 9.95 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

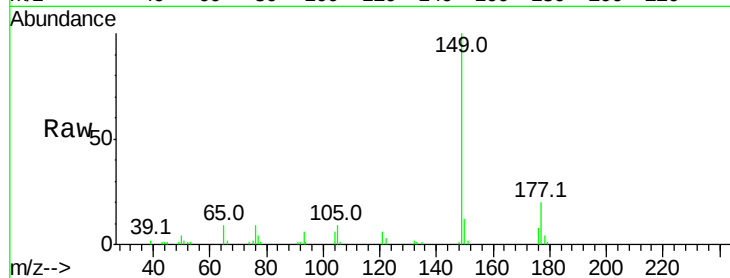
Tot Ion:149 Resp: 47194

Ion Ratio Lower Upper

149 100

177 20.4 16.7 25.1

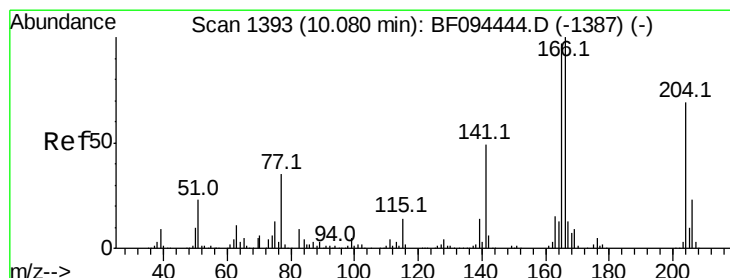
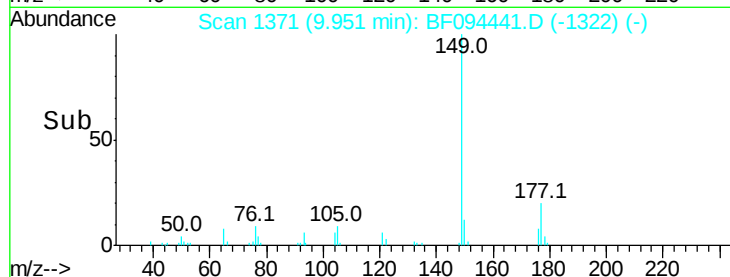
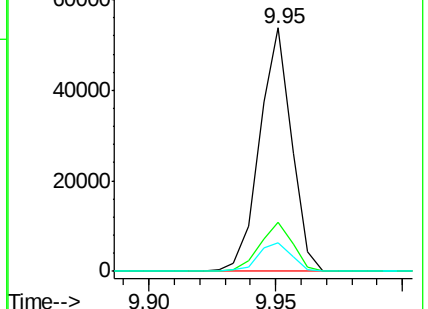
150 11.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 3.01 ng

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

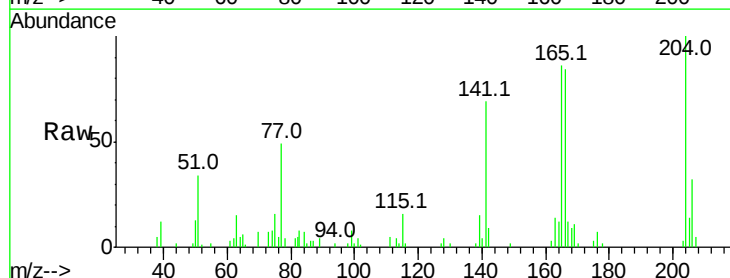
Tgt Ion:204 Resp: 22274

Ion Ratio Lower Upper

204 100

206 31.6 26.2 39.2

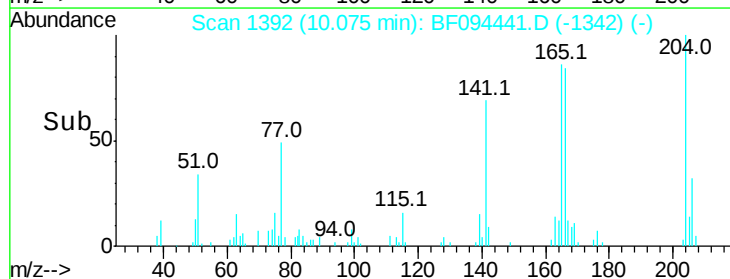
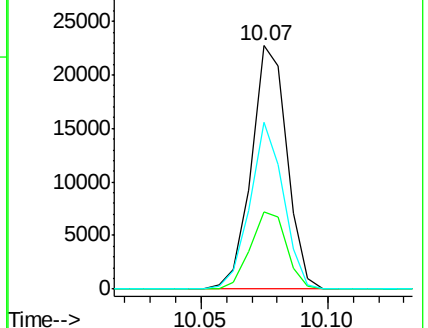
141 68.7 60.8 91.2

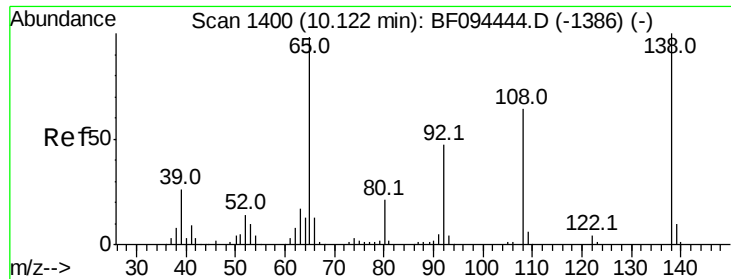


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

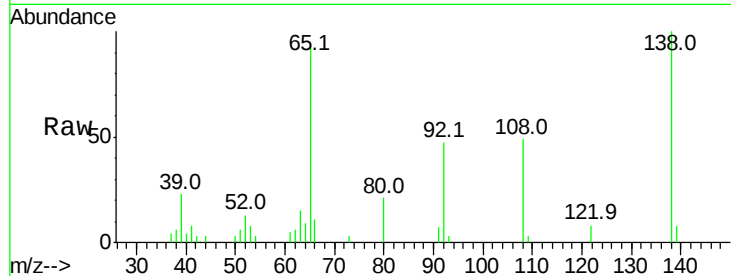




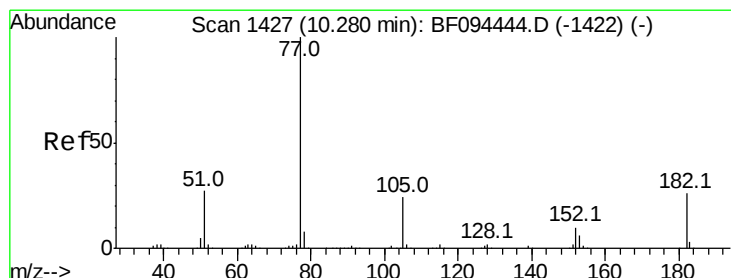
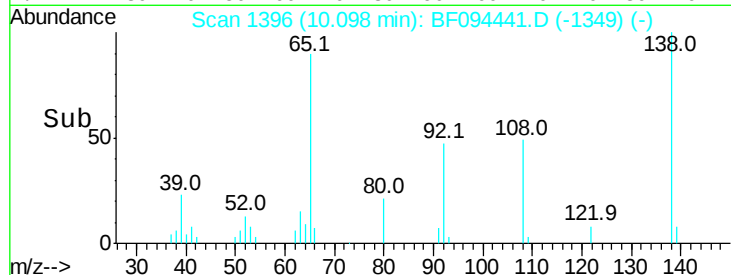
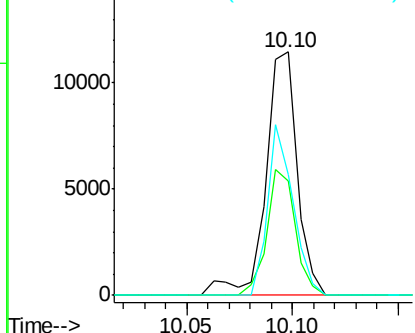
#61
4-Nitroaniline
Concen: 2.57 ng
RT: 10.10 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 11864
Ion Ratio Lower Upper
138 100
92 46.8 21.8 61.8
108 49.4 42.3 82.3

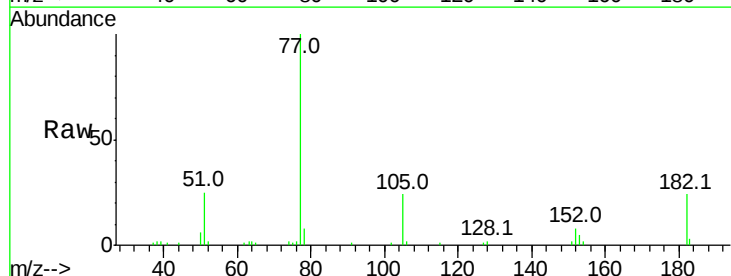


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

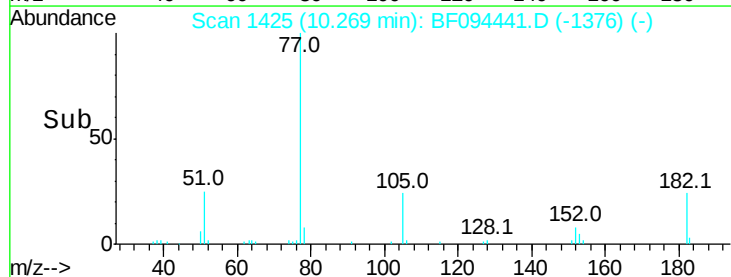
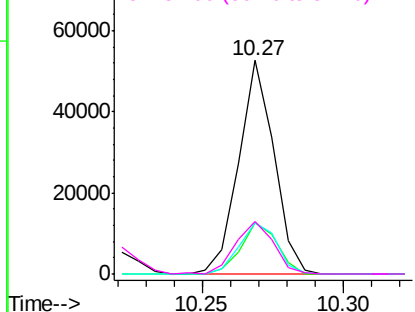


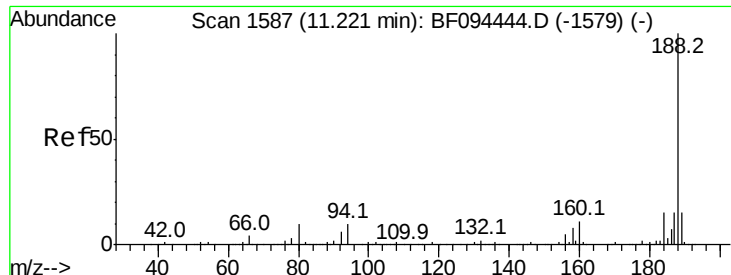
#62
Azobenzene
Concen: 2.74 ng
RT: 10.27 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

Tgt Ion: 77 Resp: 45795
Ion Ratio Lower Upper
77 100
182 24.2 0.1 40.1
105 23.9 3.6 43.6
51 24.7 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

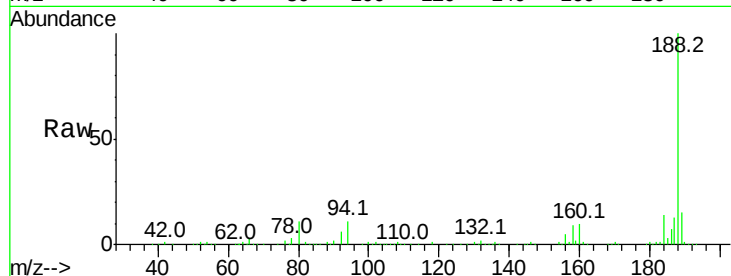
Tot Ion:188 Resp: 459572

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

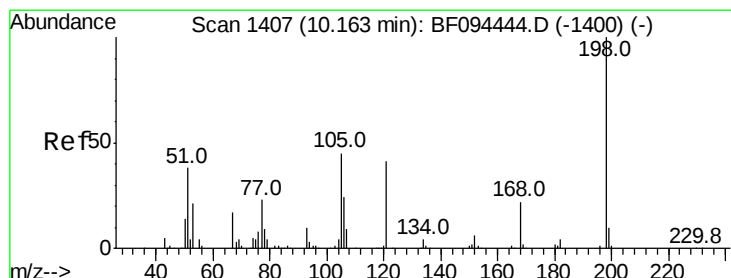
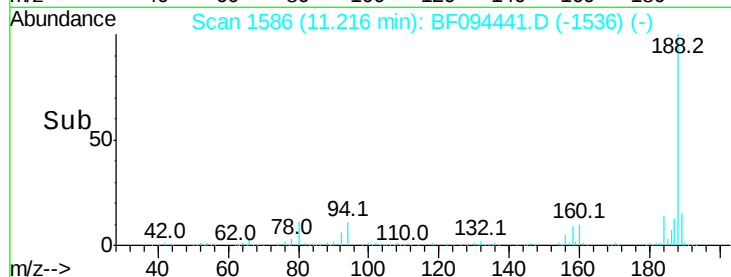
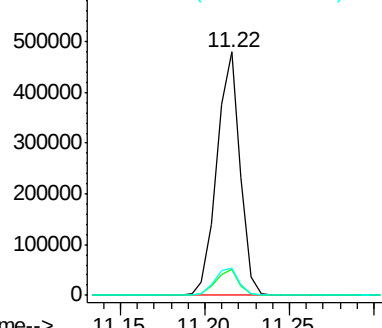
80 11.3 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 1.58 ng

RT: 10.15 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

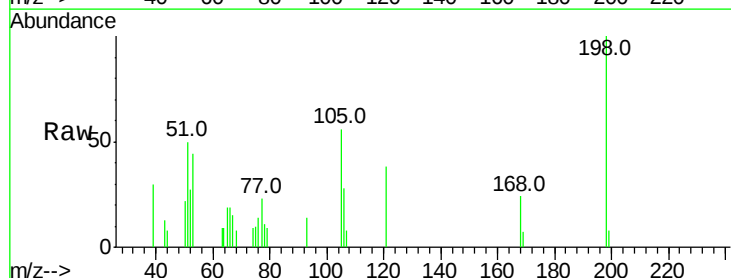
Tgt Ion:198 Resp: 4448

Ion Ratio Lower Upper

198 100

51 49.8 53.2 93.2#

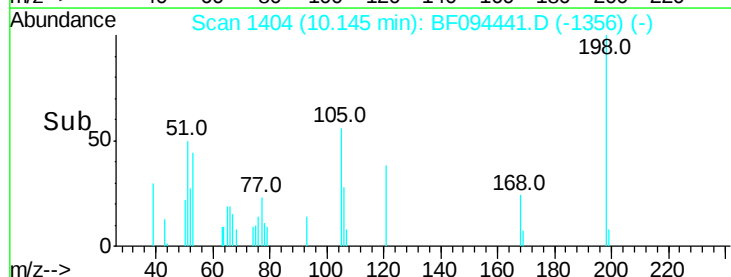
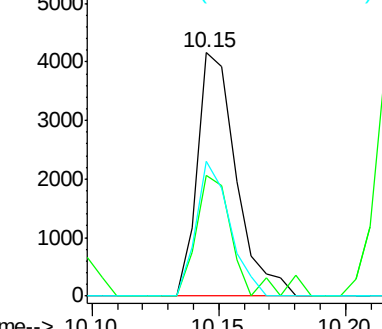
105 55.5 45.8 85.8

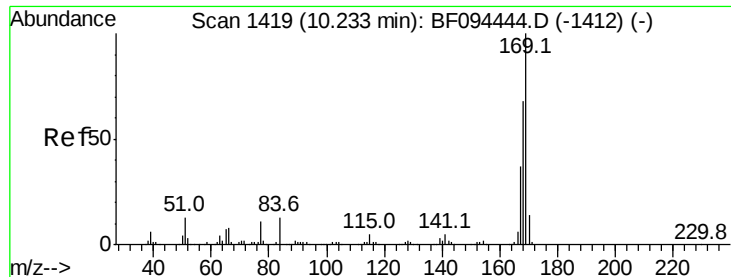


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

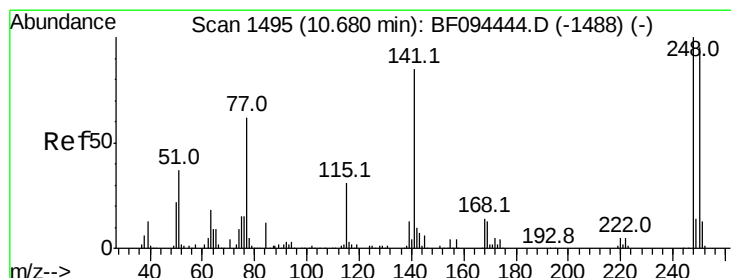
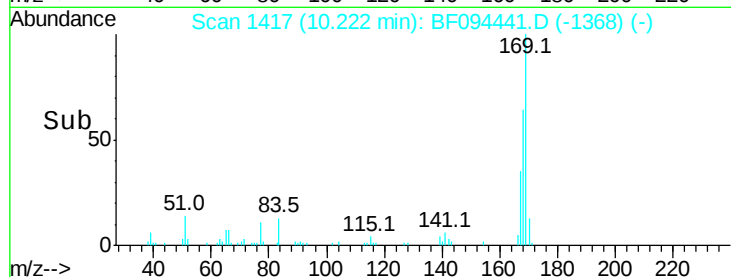
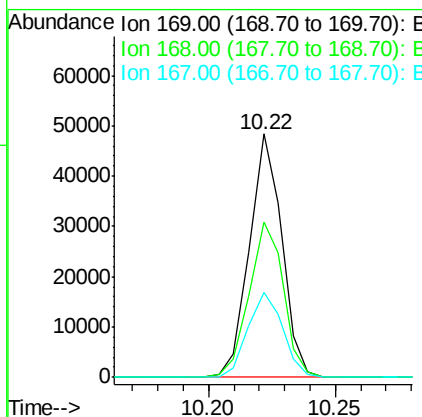
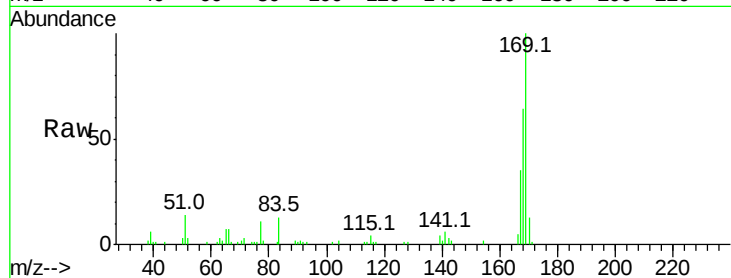




#65
n-Nitrosodiphenylamine
Concen: 2.72 ng
RT: 10.22 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

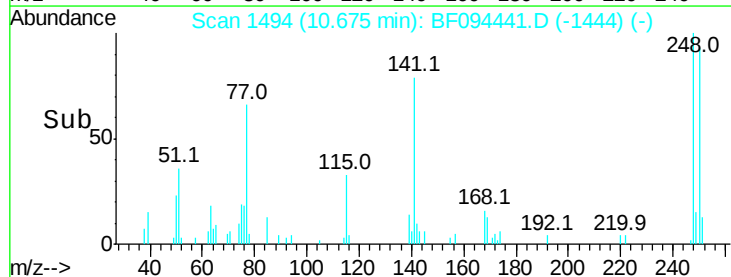
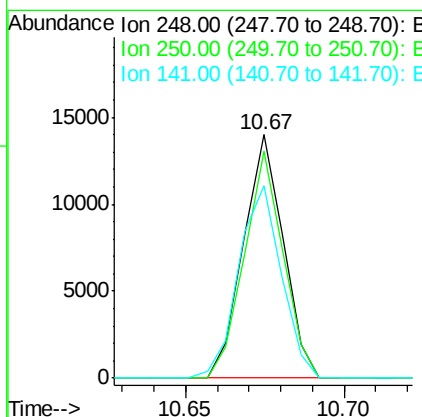
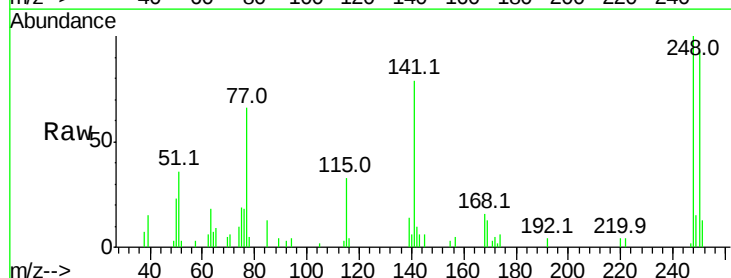
Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 43229
Ion Ratio Lower Upper
169 100
168 63.9 53.2 79.8
167 34.9 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 2.70 ng
RT: 10.67 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

Tgt Ion:248 Resp: 12224
Ion Ratio Lower Upper
248 100
250 93.5 76.8 115.2
141 78.8 68.6 103.0

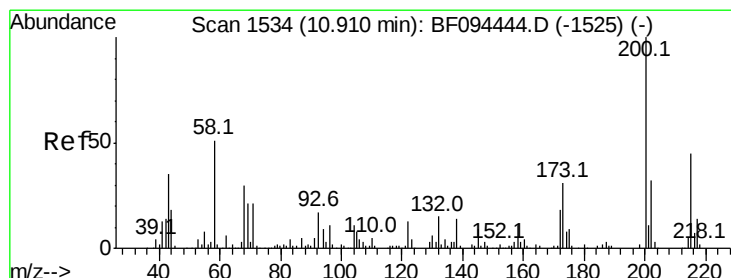
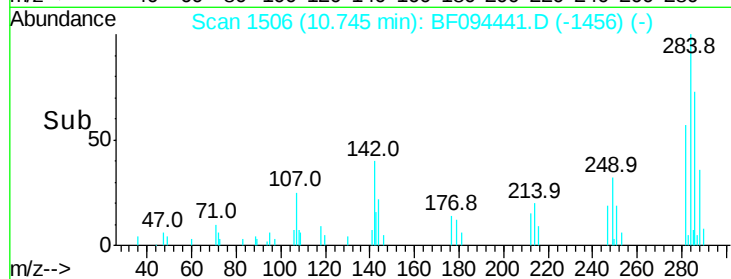
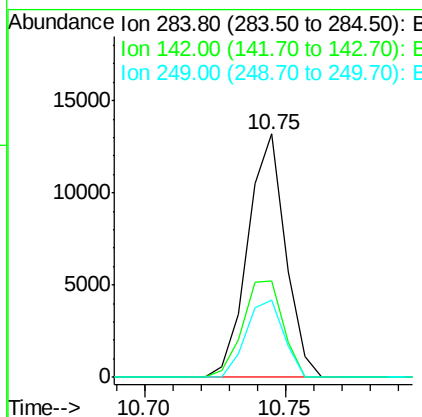
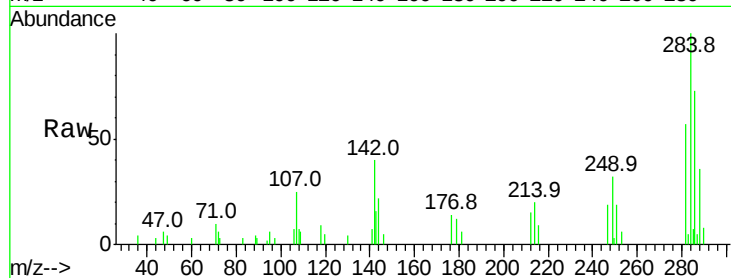




#67
Hexachlorobenzene
Concen: 2.66 ng
RT: 10.75 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

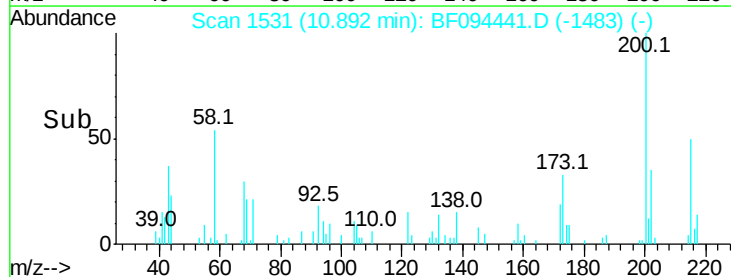
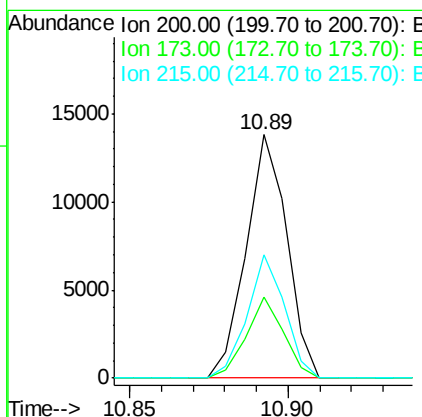
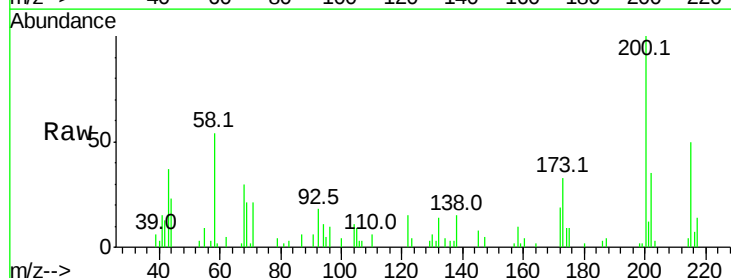
Instrument :
BNA_F
ClientSampleId :

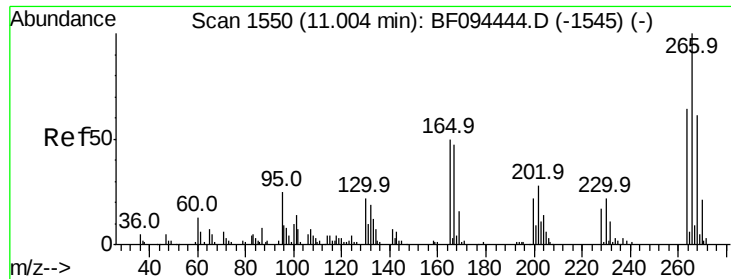
Tot Ion:284 Resp: 12187
Ion Ratio Lower Upper
284 100
142 39.8 22.8 34.2#
249 34.7 24.0 36.0



#68
Atrazine
Concen: 2.59 ng
RT: 10.89 min Scan# 1531
Delta R.T. -0.02 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

Tgt Ion:200 Resp: 12311
Ion Ratio Lower Upper
200 100
173 33.5 6.3 46.3
215 50.5 27.2 67.2

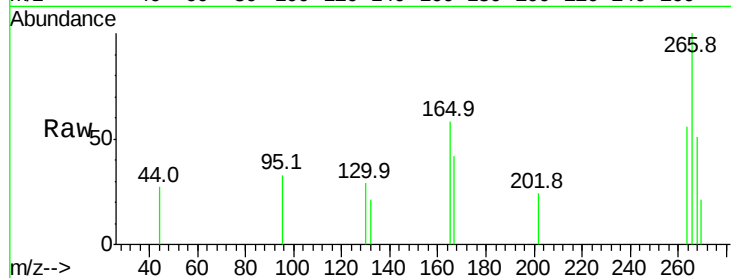




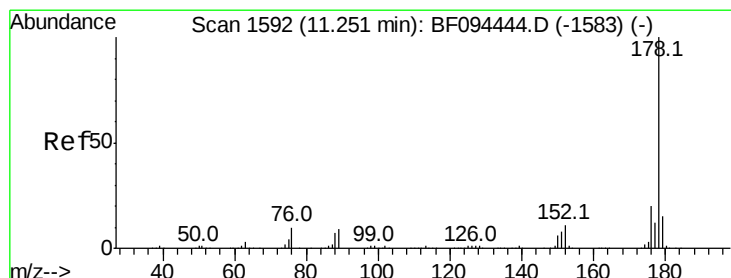
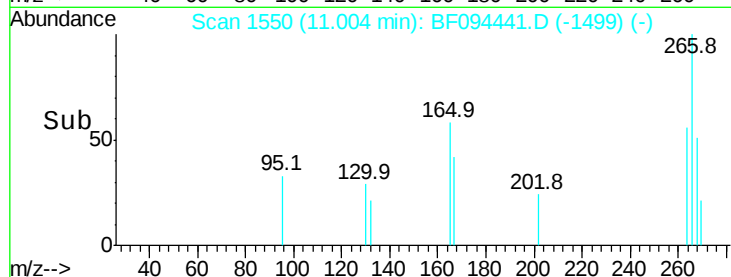
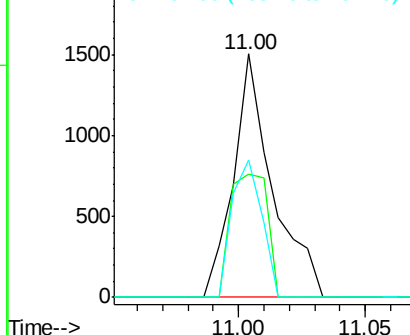
#69
 Pentachlorophenol
 Concen: 0.57 ng
 RT: 11.00 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 1610
 Ion Ratio Lower Upper
 266 100
 268 50.8 51.1 76.7#
 264 56.5 51.7 77.5

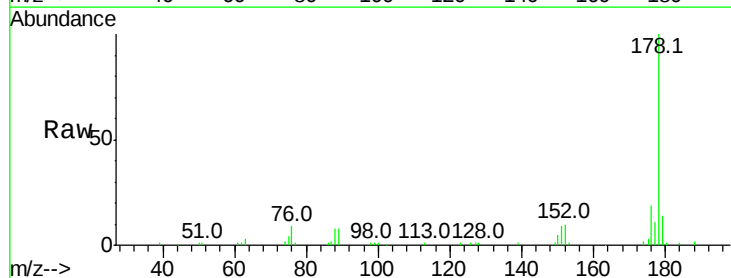


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

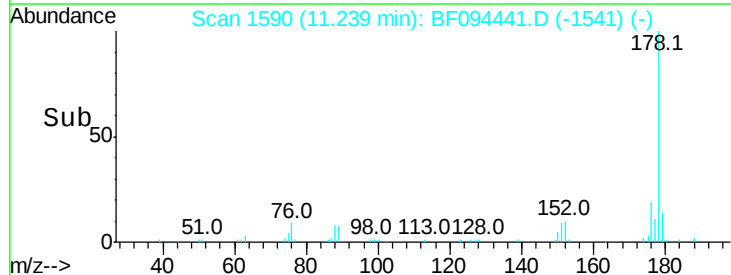
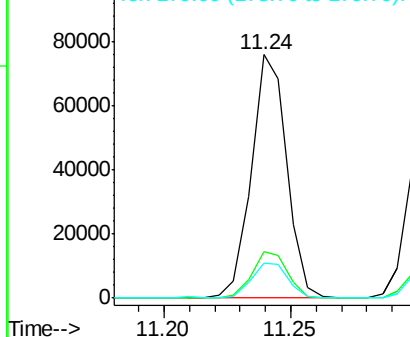


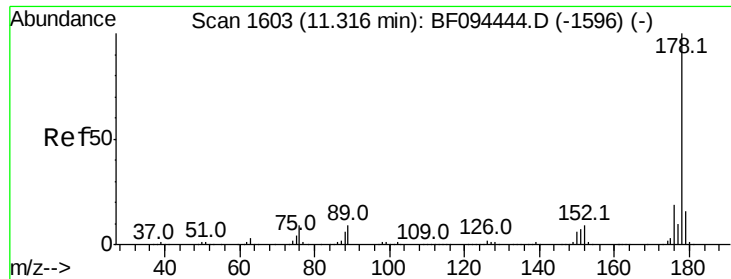
#70
 Phenanthrene
 Concen: 2.88 ng
 RT: 11.24 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Tgt Ion:178 Resp: 73712
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 14.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

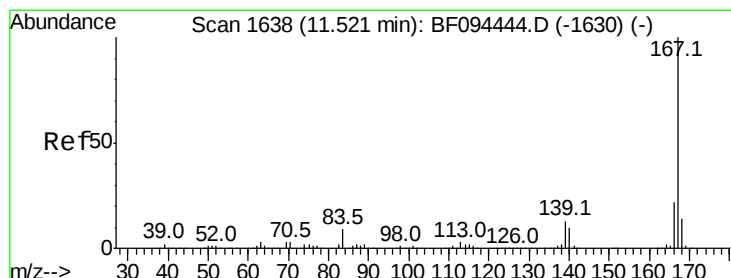
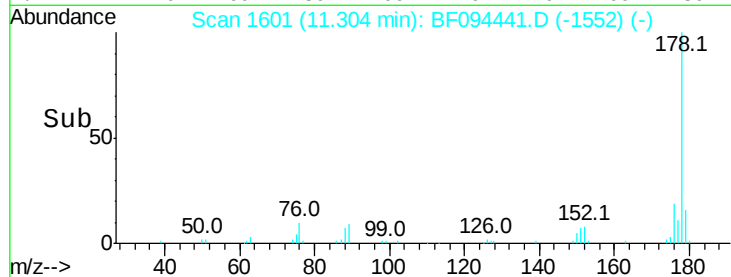
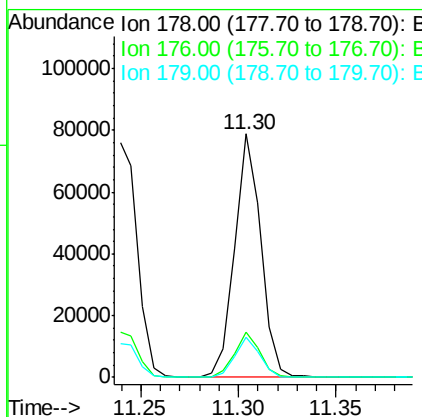
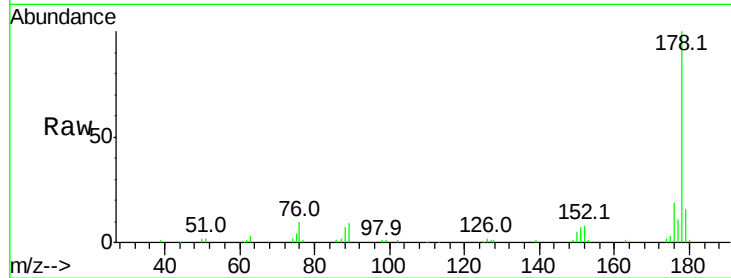




#71
 Anthracene
 Concen: 2.78 ng
 RT: 11.30 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

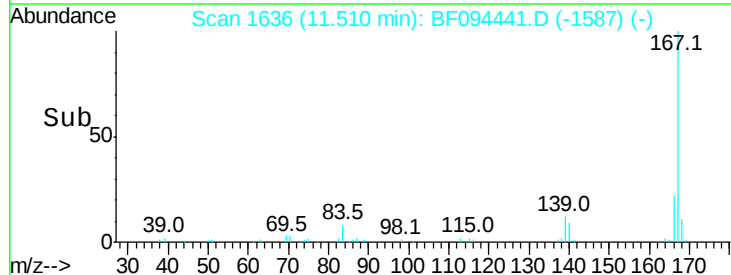
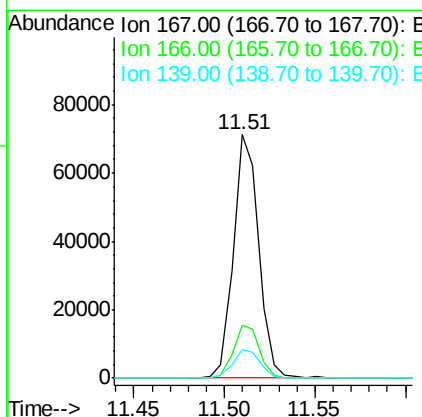
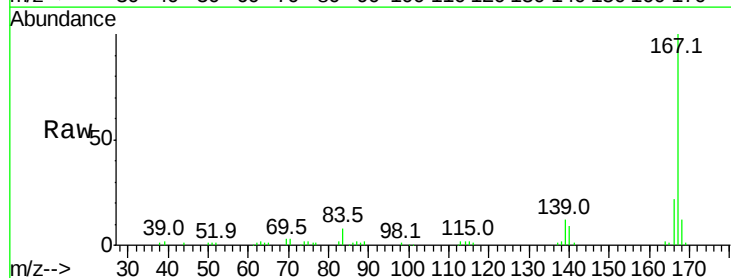
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 73295
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 16.3 12.7 19.1



#72
 Carbazole
 Concen: 2.56 ng
 RT: 11.51 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Tgt Ion:167 Resp: 69087
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 11.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 2.58 ng

RT: 11.97 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

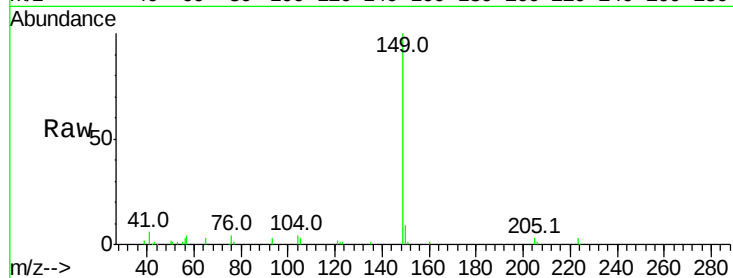
Tot Ion:149 Resp: 72346

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

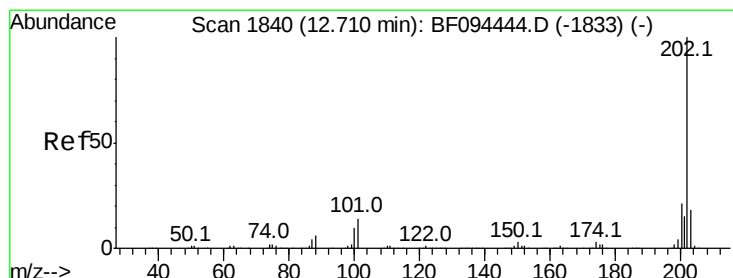
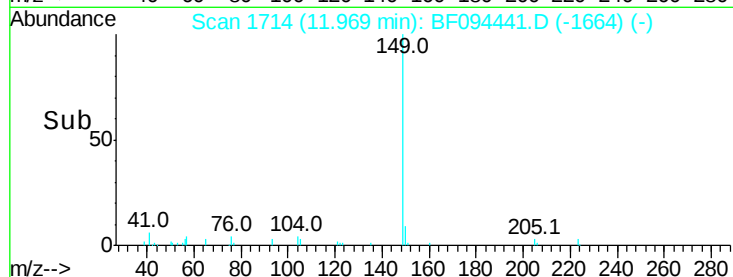
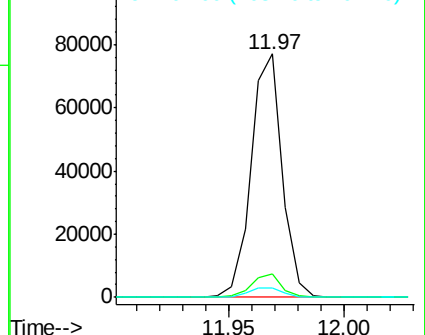
104 3.9 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 2.83 ng

RT: 12.70 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

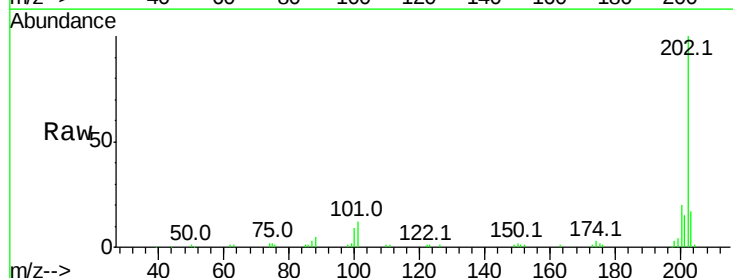
Tgt Ion:202 Resp: 74171

Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.2

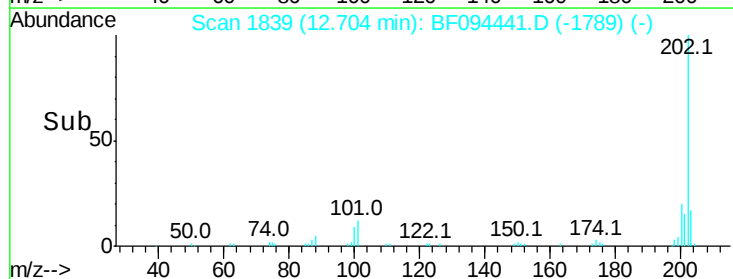
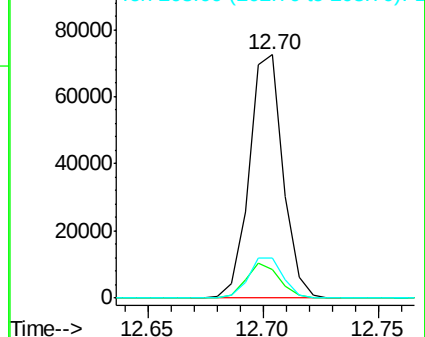
203 16.7 0.0 38.1

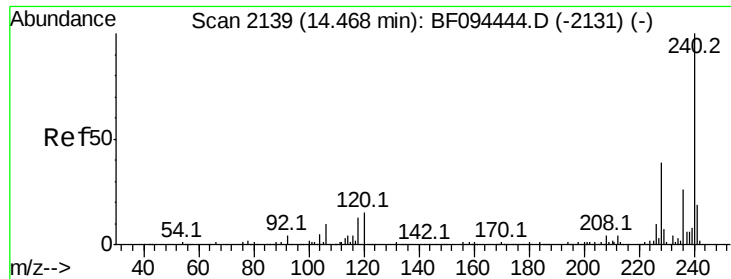


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BF094441.D

Acq: 17 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

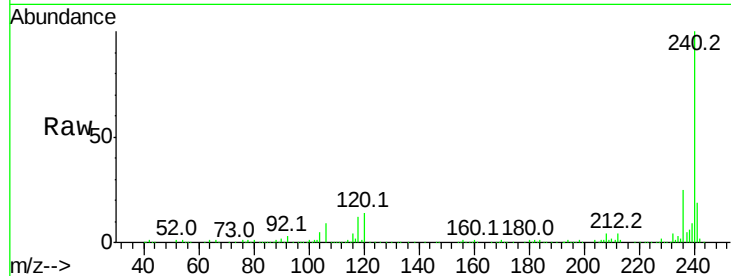
Tot Ion:240 Resp: 423916

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

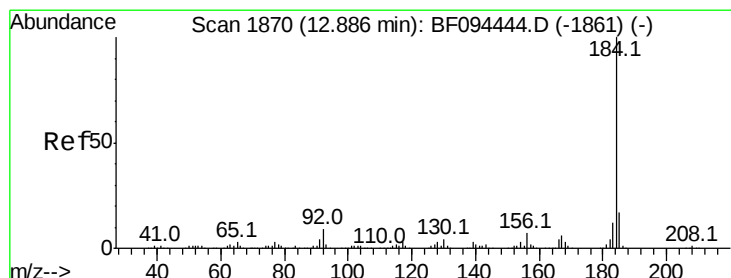
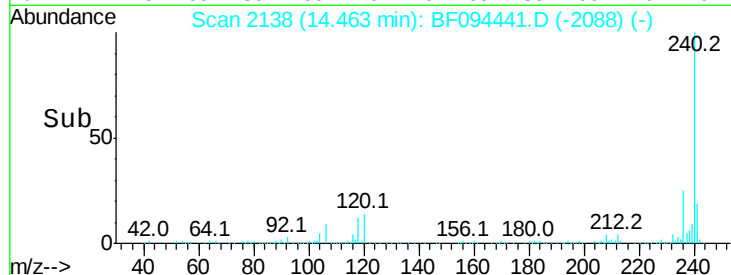
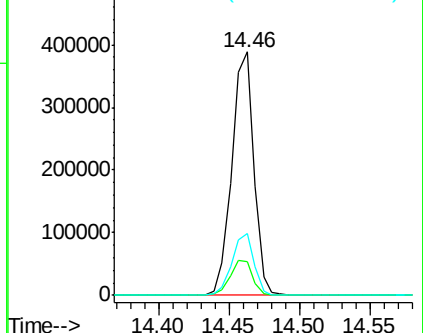
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.36 ng

RT: 12.87 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BF094441.D

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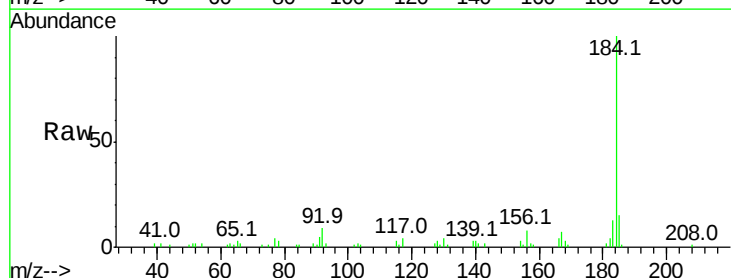
Tgt Ion:184 Resp: 39662

Ion Ratio Lower Upper

184 100

185 14.7 15.5 23.3#

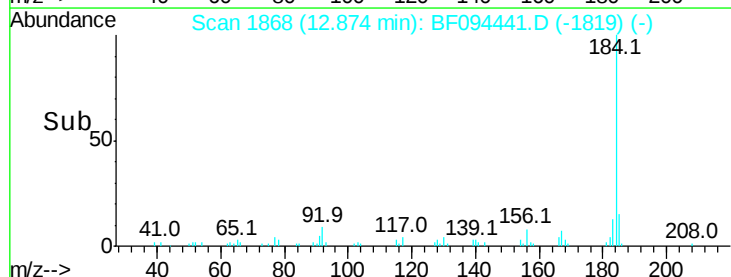
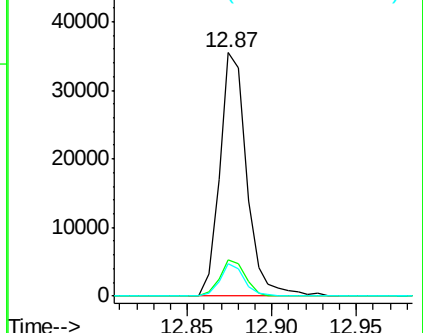
183 13.3 9.8 14.6

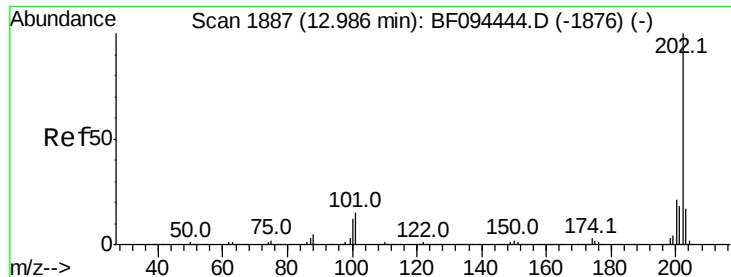


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

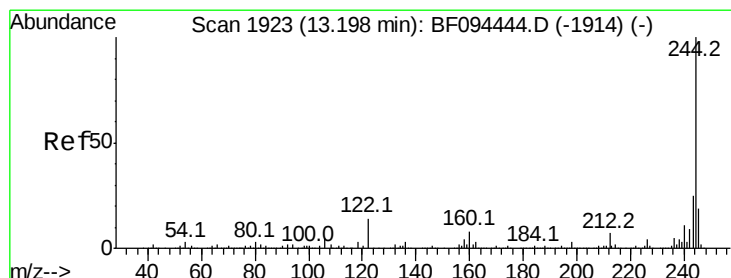
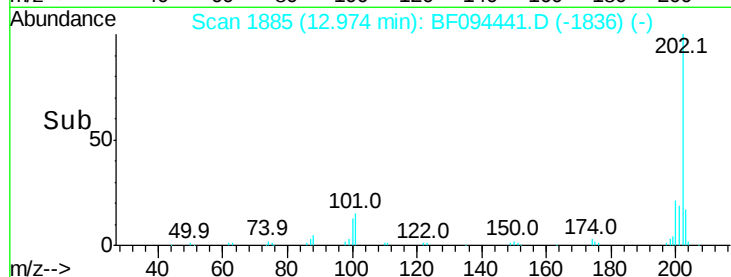
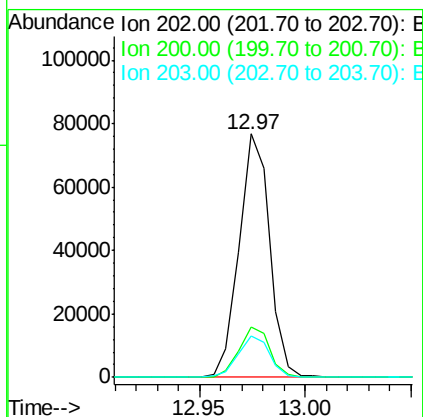
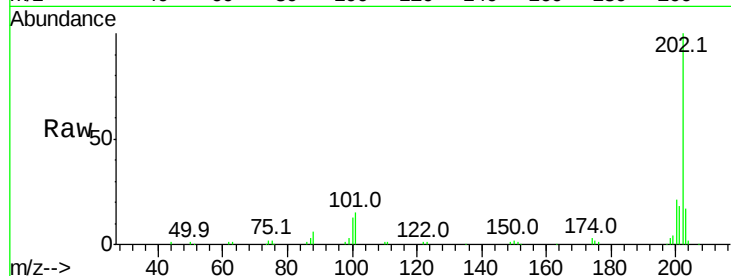




#77
Pvrene
Concen: 2.49 ng
RT: 12.97 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

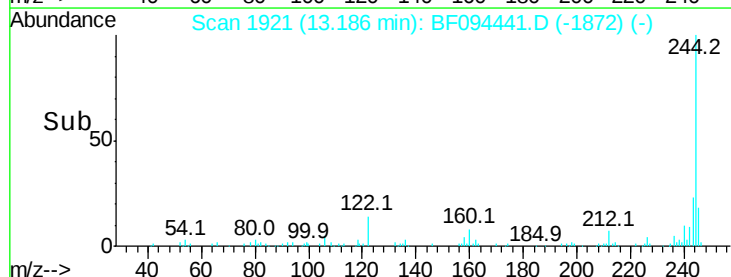
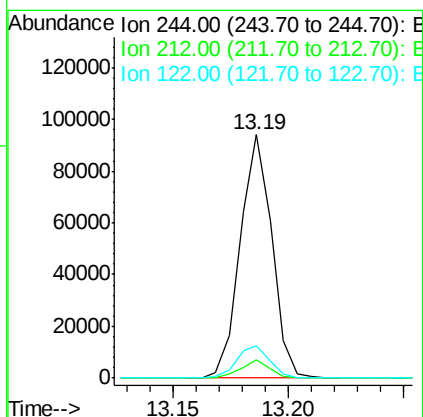
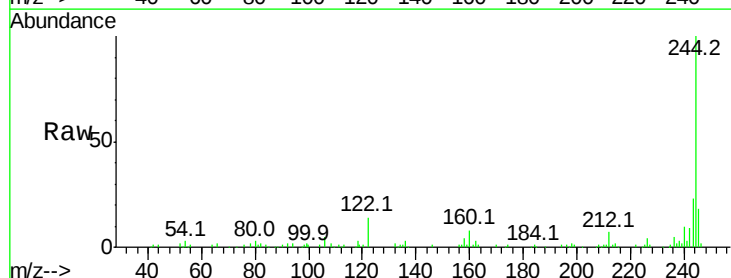
Instrument :
BNA_F
ClientSampleId :

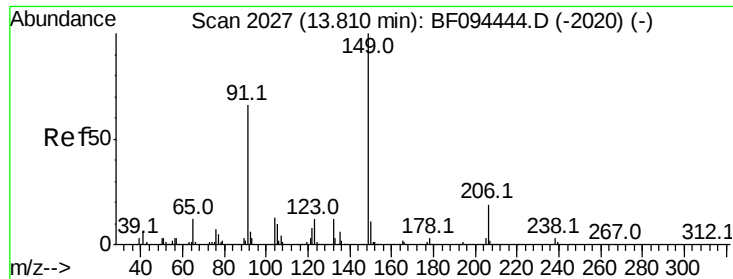
Tot Ion:202 Resp: 76740
Ion Ratio Lower Upper
202 100
200 20.6 17.6 26.4
203 17.1 14.4 21.6



#78
Terphenyl-d14
Concen: 4.77 ng
RT: 13.19 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

Tgt Ion:244 Resp: 90160
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 13.5 10.3 15.5

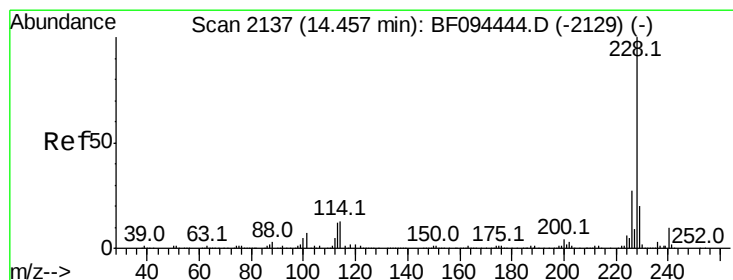
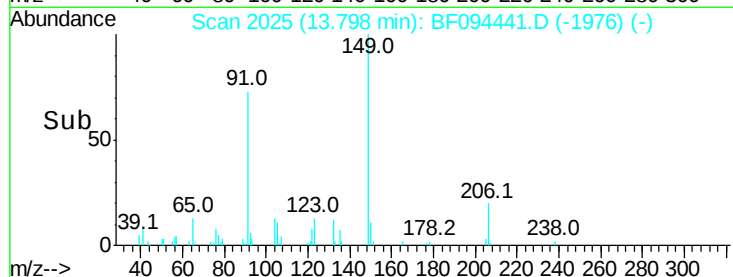
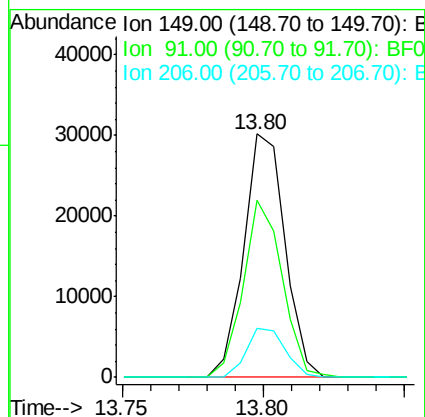
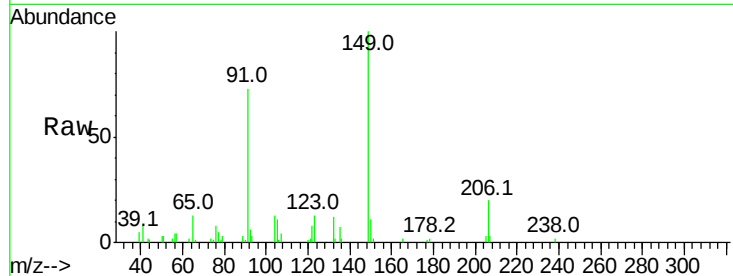




#79
Butylbenzylphthalate
Concen: 2.33 ng
RT: 13.80 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

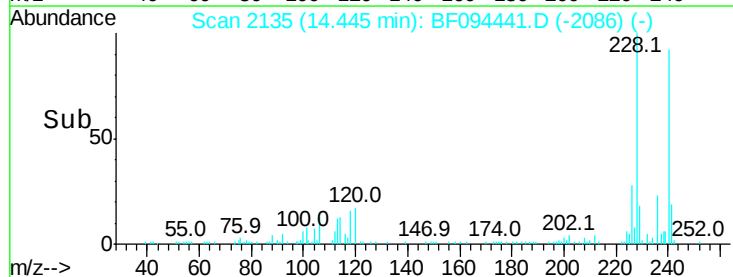
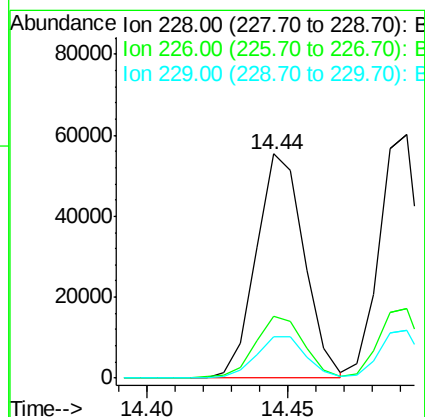
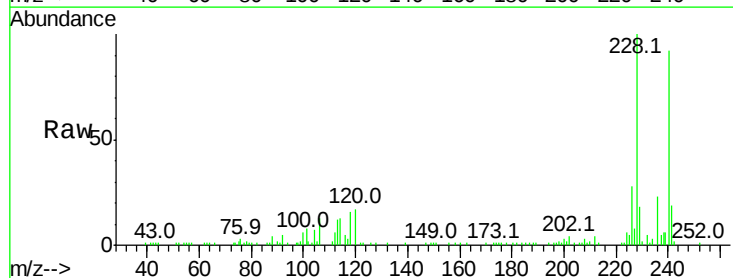
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 30592
Ion Ratio Lower Upper
149 100
91 72.8 45.0 67.4#
206 20.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 2.63 ng
RT: 14.44 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

Tgt Ion:228 Resp: 65014
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 18.5 16.3 24.5

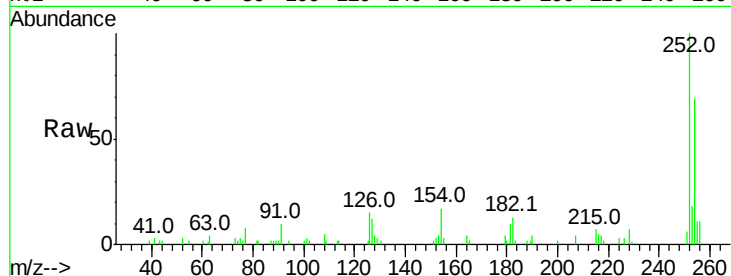




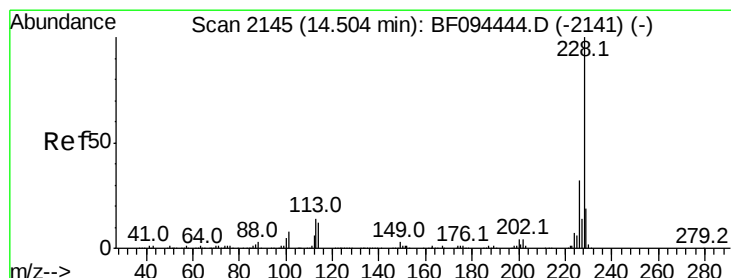
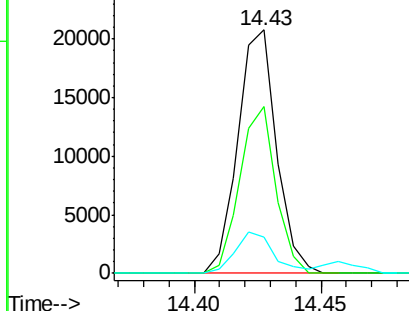
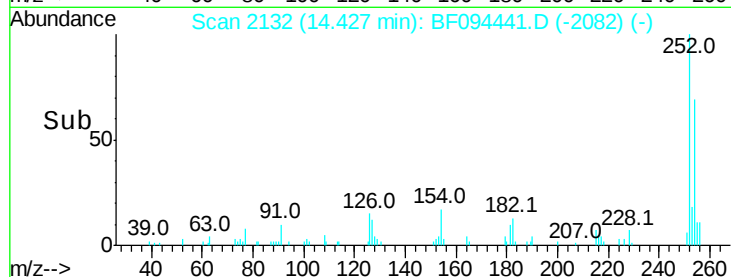
#81
 3,3'-Dichlorobenzidine
 Concen: 2.49 ng
 RT: 14.43 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 22009
 Ion Ratio Lower Upper
 252 100
 254 68.7 51.5 77.3
 126 14.9 15.8 23.8#

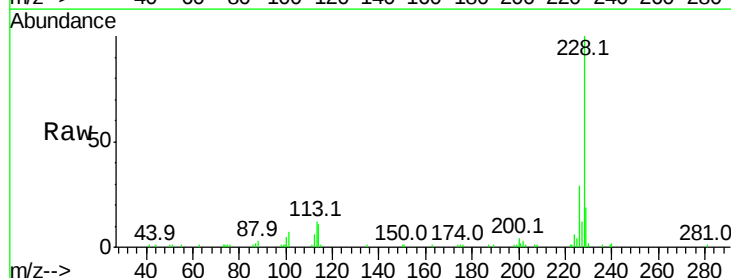


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

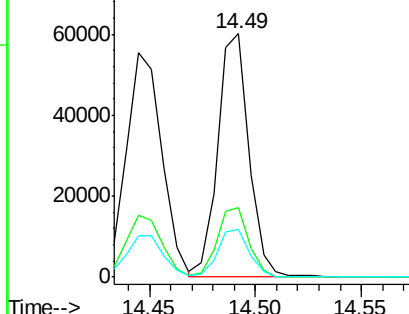
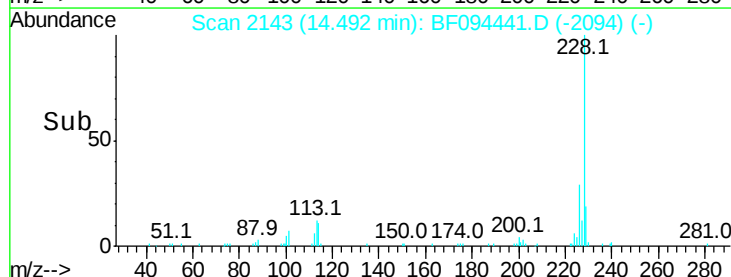


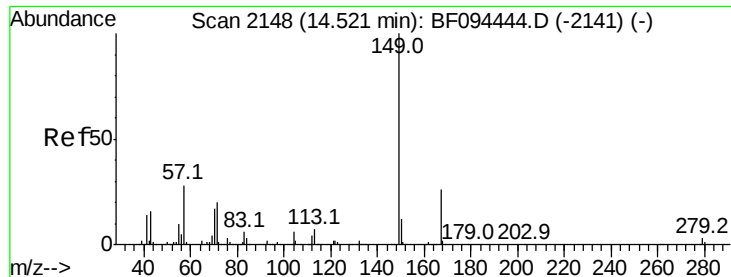
#82
 Chrysene
 Concen: 2.68 ng
 RT: 14.49 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Tgt Ion:228 Resp: 61386
 Ion Ratio Lower Upper
 228 100
 226 28.7 24.9 37.3
 229 19.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

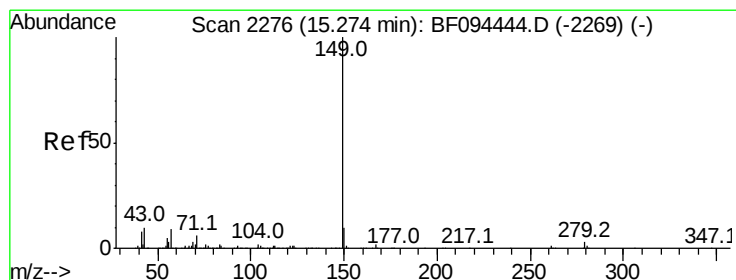
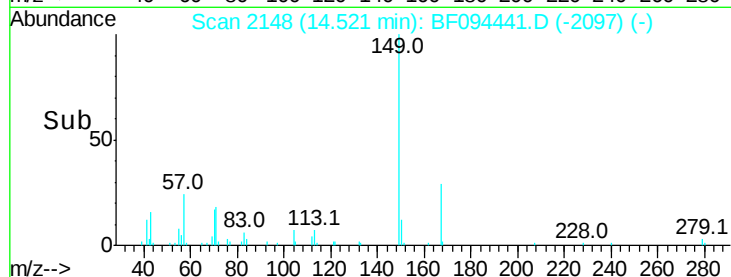
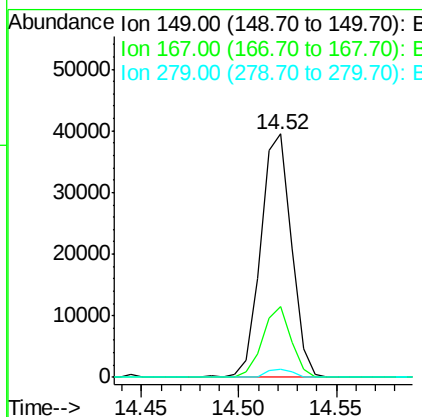
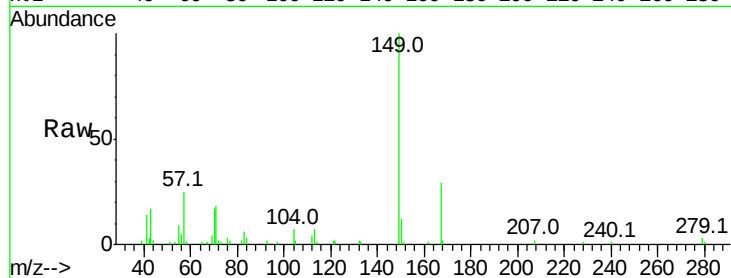




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.41 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

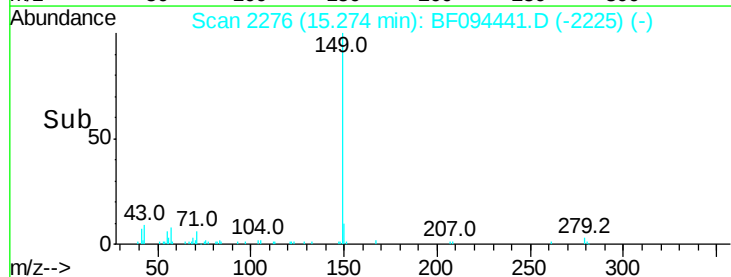
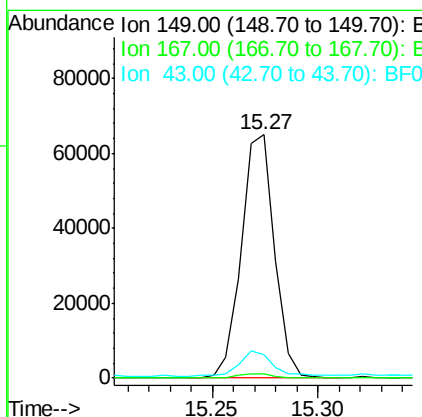
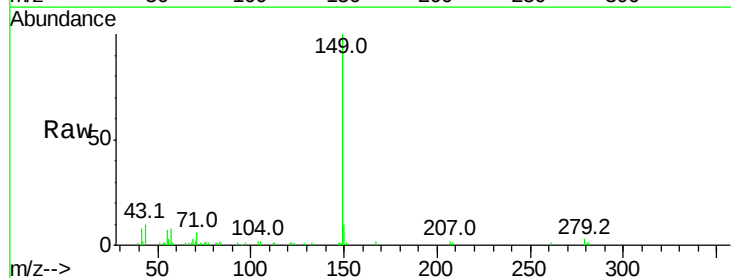
Instrument :
 BNA_F
 ClientSampleId :

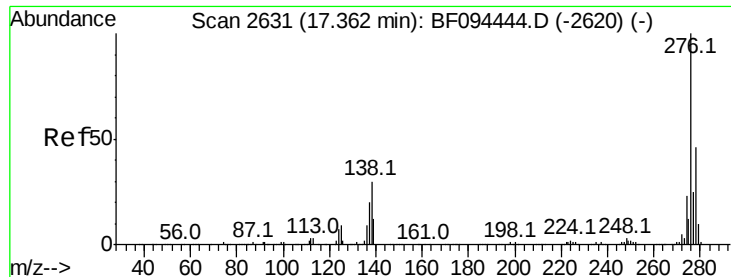
Tot Ion:149 Resp: 43050
 Ion Ratio Lower Upper
 149 100
 167 28.9 21.0 31.4
 279 3.4 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 2.36 ng
 RT: 15.27 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Tgt Ion:149 Resp: 70475
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8#
 43 11.0 8.5 12.7

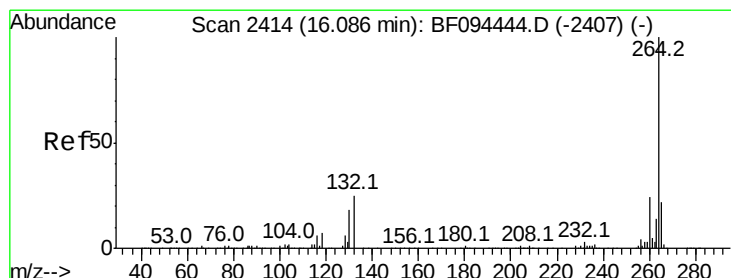
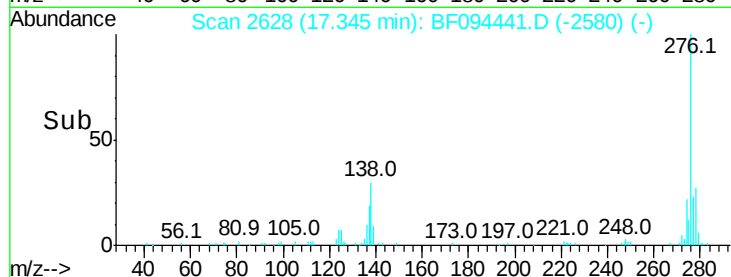
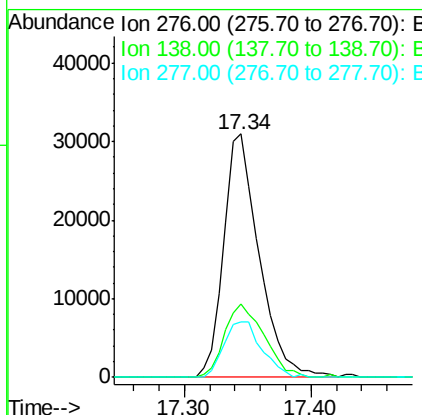
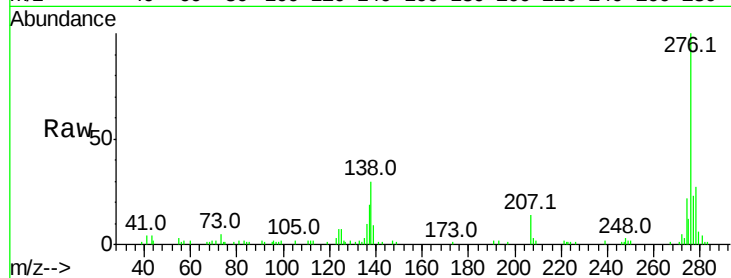




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.02 ng
 RT: 17.34 min Scan# 2628
 Delta R.T. -0.02 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

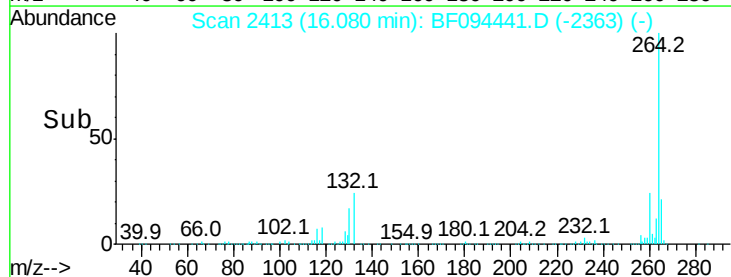
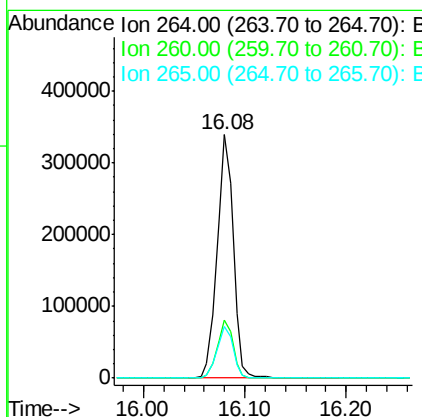
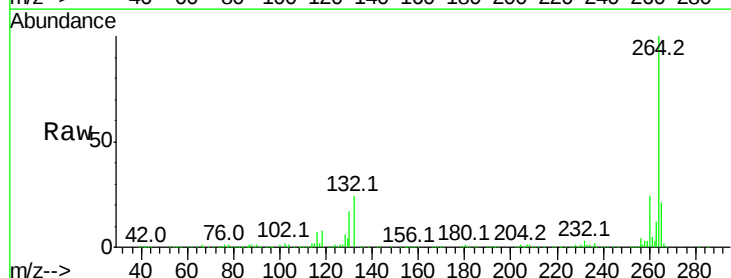
Instrument :
 BNA_F
 ClientSampleId :

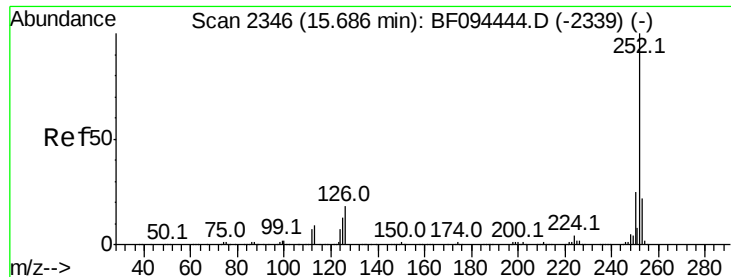
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.5	27.8	41.6
277	24.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.4	17.2	25.8

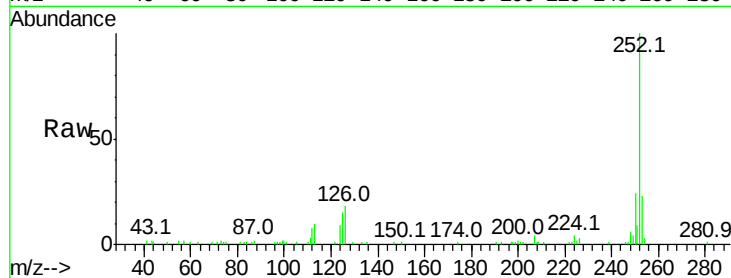




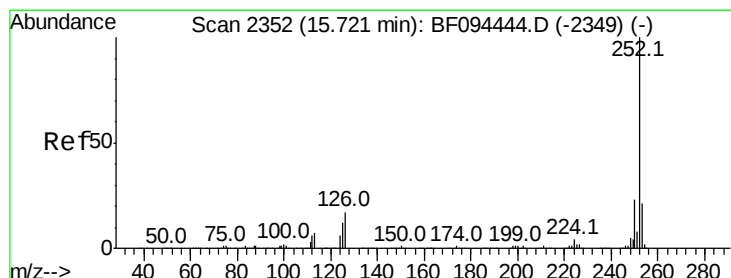
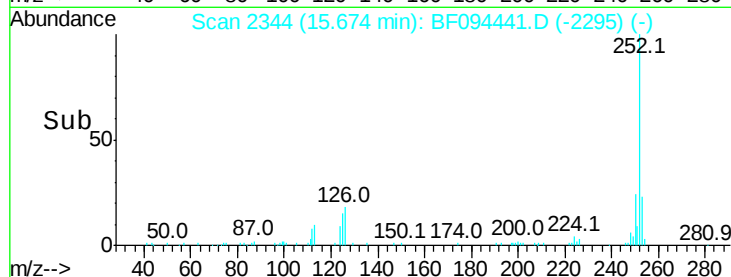
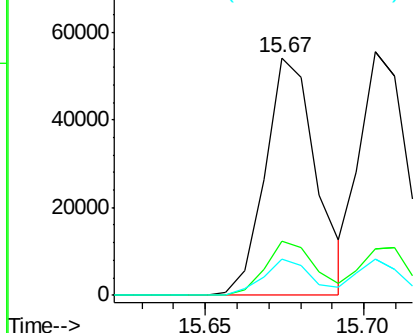
#87
Benzo(b)fluoranthene
Concen: 2.62 ng
RT: 15.67 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 60704
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 15.3 9.8 14.8#

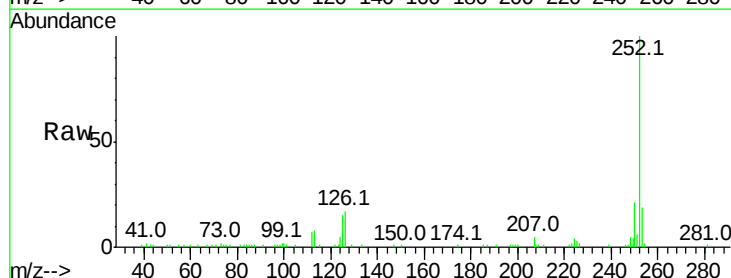


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

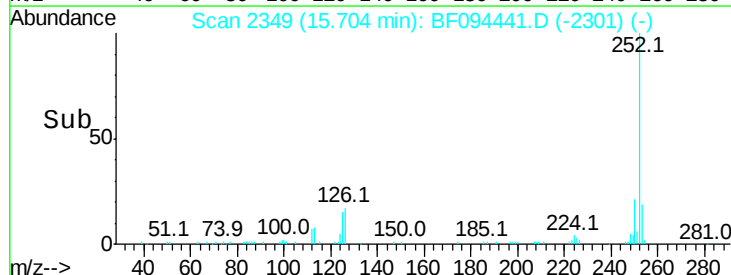
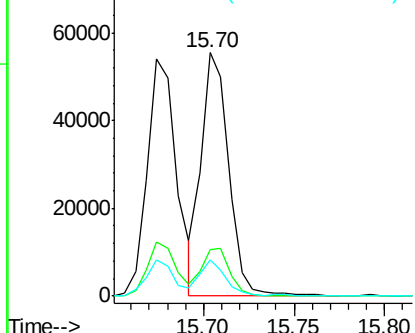


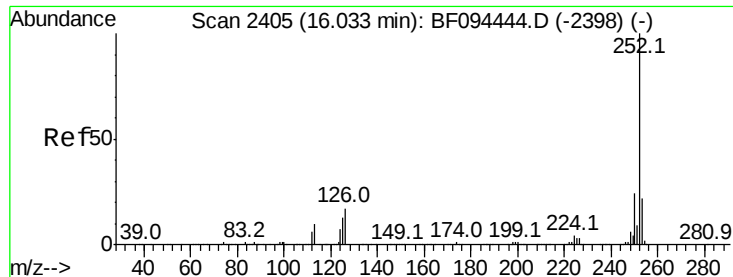
#88
Benzo(k)fluoranthene
Concen: 2.58 ng
RT: 15.70 min Scan# 2349
Delta R.T. -0.02 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

Tgt Ion:252 Resp: 58484
Ion Ratio Lower Upper
252 100
253 18.9 18.4 27.6
125 14.8 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

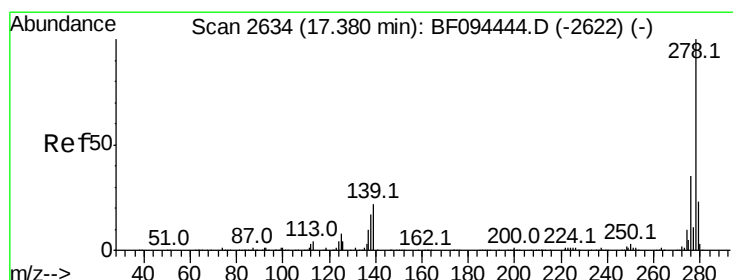
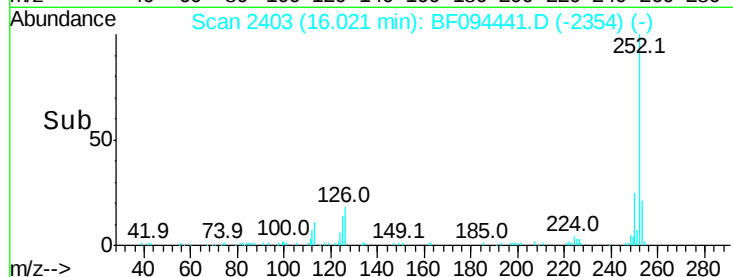
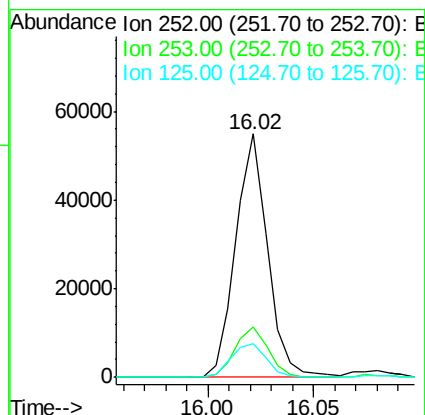
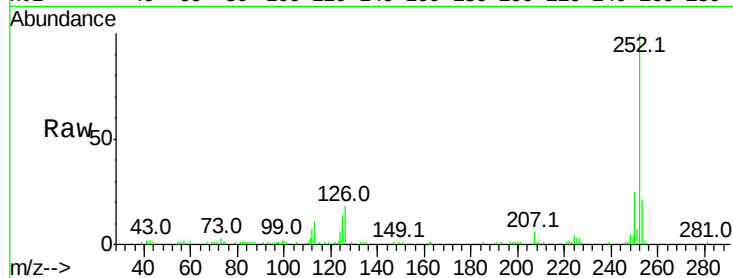




#89
Benzo(a)pyrene
Concen: 2.70 ng
RT: 16.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

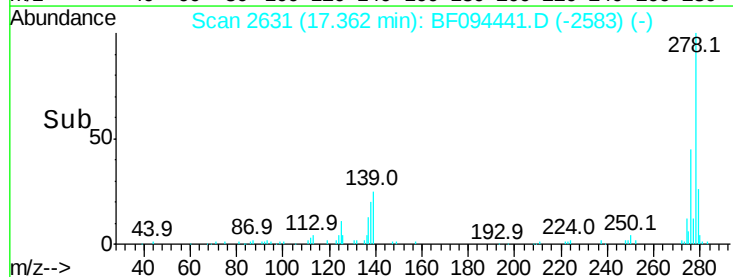
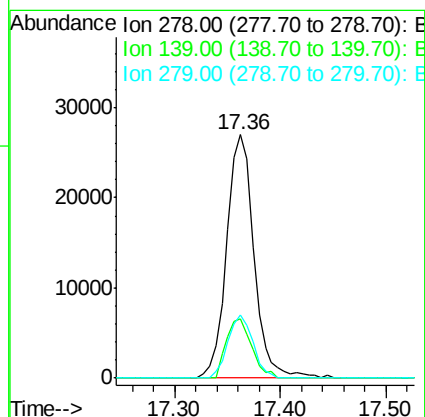
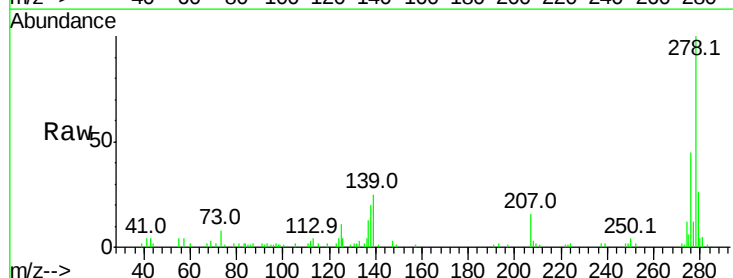
Instrument :
BNA_F
ClientSampleId :

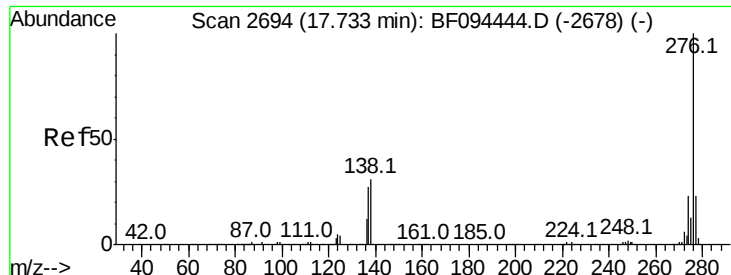
Tot Ion:252 Resp: 57534
Ion Ratio Lower Upper
252 100
253 20.7 17.5 26.3
125 13.7 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 2.68 ng
RT: 17.36 min Scan# 2631
Delta R.T. -0.02 min
Lab File: BF094441.D
Acq: 17 Apr 2017 11:21

Tgt Ion:278 Resp: 48331
Ion Ratio Lower Upper
278 100
139 24.5 16.6 24.8
279 25.8 19.3 28.9

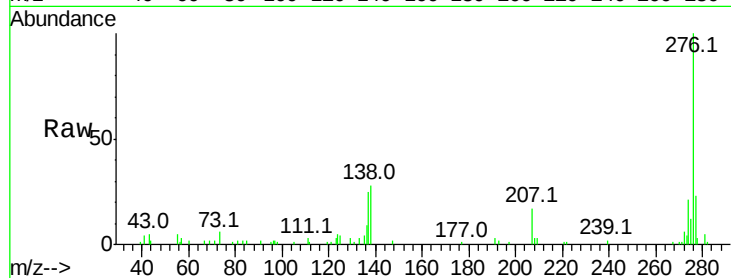




#91
 Benzo(a,h,i)perylene
 Concen: 2.72 ng
 RT: 17.72 min Scan# 2691
 Delta R.T. -0.02 min
 Lab File: BF094441.D
 Acq: 17 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	28.5	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

